

5/6/37

# BETHLEHEM WIRE NAILS AND OTHER WIRE PRODUCTS

CATALOG W-4

BETHLEHEM STEEL COMPANY  
BETHLEHEM, PA.



M. D. Salisbury

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**BETHLEHEM**  
**WIRE NAILS**  
**AND OTHER**  
**WIRE PRODUCTS**  
**CATALOG W-4**  
**STANDARD EXTRAS**

January, 1937

**BETHLEHEM STEEL COMPANY**  
GENERAL OFFICES  **BETHLEHEM, PA.**



Part of the Cambria Plant, Johnstown, Pa.,  
of Bethlehem Steel Company



The Rod and Wire Mills at the Maryland Plant,  
Sparrows Point, Md., of Bethlehem Steel Company

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## AND OTHER WIRE PRODUCTS

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# BETHLEHEM WIRE NAILS AND OTHER WIRE PRODUCTS

The Wire Nails and other Wire Products listed in this catalog are manufactured at the Cambria Plant of Bethlehem Steel Company, Johnstown, Pa., and the Maryland Plant, Sparrows Point, Md.

The making of Wire Nails and Wire Products has been one of the activities at the Cambria Plant for many years. Experience in making steel and steel products at this plant covers three-quarters of a century, and from the little Cambria furnace built in 1842 at Johnstown, Pa., there has developed one of the largest steel producing units in the country. Due to the increasing demand for Bethlehem Wire Products, a second unit of Rod and Wire Mills was constructed at the Maryland Plant, Sparrows Point, Md., and was equipped with the most modern machinery, thus doubling the output of Wire Nails and Wire Products.

The Rod and Wire Mills at these plants are parts of an immense organization which owns and operates quarries; coal and ore mines; transportation lines; blast, Bessemer, open hearth, and electric furnaces; rolling mills and shops; for making a widely diversified line of steel products. Control of raw materials is, therefore, assured with the inherent advantages of economy and efficiency in manufacture.

The high standard of quality of Bethlehem Wire Nails and Wire Products is possible because of long experience in steel making, complete and modern equipment, and the close supervision maintained over all operations from the time the ore is mined to the shipping of the finished product.

## GAUGE OF WIRE AND WIRE PRODUCTS

All Nails and Wire Products illustrated in this catalog are manufactured to Bethlehem Steel Company gauge (W. & M. gauge) unless otherwise ordered.

## STANDARD WIRE NAILS

Bethlehem Wire Nails are designed to satisfy the particular requirements of each intended purpose, whether strength, holding power, resistance to corrosion, driving qualities, regularity or character of heads and points. Bethlehem Wire Nails are manufactured in the full range of sizes and gauges.

Special care is exercised in the filling of orders covering nails for machine driving, as perfect nails are essential to the uninterrupted operation of a nailing machine.

Bethlehem Wire Nails are adapted to practically every purpose and are furnished bright, annealed, galvanized, cement coated or blued, either barbed or smooth, as may be desired.

## GALVANIZED NAILS (Hot Process)

Bethlehem's improved method of galvanizing produces galvanized nails which are thoroughly protected by a

heavy and uniform coating of high grade spelter (zinc). The coating, which covers head, point and shank uniformly, is applied by the hot process after the nail is made.



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## AND OTHER WIRE PRODUCTS

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### **STERILIZED BLUED NAILS**

As it is a common custom for a lather to carry nails in his mouth while at work, the lath nails used should be clean and sterile. Bethlehem Sterilized Blued Lath Nails are thoroughly sterilized in the bluing process, are cleaned and packed in paper lined kegs to assure being kept in a sanitary condition. Care is taken to furnish nails with a uniformly blue finish. All nails can be blued when so needed.

### **ANNEALED NAILS**

All Bethlehem Wire Nails can be furnished annealed if so desired.

### **COPPER-BEARING STEEL FOR NAILS AND WIRE**

Bethlehem Steel Company is prepared to supply all nails and wire products made of true copper-bearing steel, containing from 0.20 to 0.30% copper, when required and specifically designated on orders.

### **"CUPPED HEAD" NAILS AND BRADS**

The cupped head prevents slipping of the nail set and marring of the wood. All brad-head and bung-head nails and brads and dowel pins can be supplied with cupped heads at no extra cost.



## COLOR MARKING OF KEGS

Bethlehem Nail Kegs are marked with colors to distinguish different kinds of nails.

One of the steel head hoops of the keg is painted, the color indicating the finish of the nails contained as follows:

Orange Hoop.....	Galvanized Nails
Blue Hoop.....	Blued Nails
White Hoop.....	Cement Coated Nails
Original Color (no paint).....	Standard Bright Nails



Orange Hoops indicate  
Galvanized Nails



Blue Hoops indicate  
Blued Nails



White Hoops indicate Cement  
Coated Nails



Original Color, plain un-  
painted hoops, indicate Stand-  
ard Bright Nails

# AND OTHER WIRE PRODUCTS

## STANDARD NAIL EXTRAS

Per 100 Pounds

### COMMON NAILS

2d.....	\$1.65
3d.....	1.15
4d.....	.80
5d.....	.70
6d.....	.60
7d.....	.55
8d.....	.50
9d.....	.45
10d.....	.40
12d.....	.35
16d.....	.30
20d to 60d.....	.25

### WIRE SPIKES

10d.....	\$0.40
12d.....	.35
16d.....	.30
20d to 7".....	.25
8" and 9".....	.35
10" and 12".....	.45
Special Gauges, 10c Add'l	

### SMOOTH BOX NAILS (Siding Nails)

2d.....	\$1.65
3d.....	1.15
4d.....	1.00
5d.....	.90
6d.....	.65
7d.....	.60
8d.....	.55
9d.....	.50
10d.....	.45
12d.....	.40
16d.....	.35
20d to 40d.....	.25

### SPECIAL SMOOTH BOX NAILS

$\frac{1}{4}$ " x #15½.....	\$1.85
$\frac{1}{8}$ " x #13.....	1.10
$\frac{1}{8}$ " x #15.....	1.45
$\frac{1}{8}$ " x #14.....	1.05
$\frac{1}{2}$ " x #16.....	1.95
$\frac{1}{8}$ " x #14.....	.90

### SMOOTH BERRY BOX NAILS

	No. 16	No. 17
$\frac{3}{4}$ ".....	\$2.80	\$3.00
$\frac{7}{8}$ ".....	2.55	2.75
1".....	2.35	2.55
$1\frac{1}{8}$ ".....	2.30	2.50
$1\frac{1}{4}$ ".....	2.25	2.45

### \*COMMON BRADS

2d.....	\$1.70
3d.....	1.20
4d.....	.85
5d.....	.75
6d.....	.65
7d.....	.60
8d.....	.55
9d.....	.50
10d.....	.45
12d.....	.40
16d.....	.35
20d to 60d.....	.30

### \*CASING NAILS

2d.....	\$1.70
3d.....	1.20
4d.....	1.05
5d.....	.95
6d.....	.70
7d.....	.65
8d.....	.60
9d.....	.55
10d.....	.50
12d.....	.45
16d.....	.40
20d to 40d.....	.30

### \*FINISHING NAILS

2d.....	\$2.25
3d.....	1.60
4d.....	1.45
5d.....	1.35
6d.....	.80
7d.....	.75
8d.....	.65
9d.....	.60
10d.....	.55
12d.....	.50
16d.....	.45
20d.....	.35
$2\frac{1}{2}$ " x #12.....	.65

### FINE NAILS

2d Extra.....	\$2.40
2d.....	2.20
3d Extra.....	2.15
3d.....	1.60

### BLUED LATH NAILS (Sterilized)

2d Light.....	\$2.75
2d.....	2.55
3d Light.....	2.50
3d.....	1.95

### \*FLOORING BRADS

6d.....	\$0.65
7d.....	.60
8d.....	.55
9d.....	.50
10d.....	.45
12d.....	.40
16d.....	.35
20d.....	.30
$2\frac{1}{2}$ " x #11.....	.60
$2\frac{1}{2}$ " x #10½.....	.55

### \*PERFECT FLOORING NAILS

3d ( $1\frac{1}{4}$ " x #14½).....	\$1.55
4d ( $1\frac{1}{2}$ " x #14).....	1.40
5d ( $1\frac{3}{4}$ " x #14).....	1.30
6d (2" x #12½).....	1.05
7d ( $2\frac{1}{4}$ " x #12).....	1.00
8d ( $2\frac{1}{2}$ " x #11½).....	.95
9d ( $2\frac{3}{4}$ " x #11).....	.90
10d (3" x #10½).....	.85
12d ( $3\frac{1}{4}$ " x #10).....	.80
16d ( $3\frac{1}{2}$ " x #9).....	.70
20d (4" x #8).....	.65

### SHINGLE NAILS

3d.....	\$1.05
$3\frac{1}{2}$ d.....	.85
4d.....	.80
5d.....	.70
6d.....	.65
$1\frac{1}{4}$ " x #12.....	.95
$1\frac{3}{8}$ " x #13.....	.95
$1\frac{3}{8}$ " x #12.....	.85

### PERFECT SHINGLE NAILS

3d ( $1\frac{1}{4}$ " x #14).....	\$1.45
$3\frac{1}{2}$ d ( $1\frac{3}{8}$ " x #14).....	1.35
4d ( $1\frac{1}{2}$ " x #13).....	1.20

### SPECIAL SHINGLE NAILS

3d ( $1\frac{1}{4}$ " x #12½).....	\$1.10
$3\frac{1}{2}$ d ( $1\frac{3}{8}$ " x #12½).....	1.00
4d ( $1\frac{1}{2}$ " x #12½).....	.95

### WOOD SHINGLE NAILS

$1\frac{3}{4}$ " x #13.....	\$0.95
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### SHINGLE BAND NAILS

$\frac{3}{4}$ " x #15½.....	\$2.35
$\frac{3}{4}$ " x #15.....	2.25
$\frac{7}{8}$ " x #15.....	2.10

\*CUPPED HEADS, when specified, furnished without extra charges

## STANDARD NAIL EXTRAS

Per 100 Pounds

## BARREL NAILS

5/8" x #15 1/2	\$2.45
3/4" x #15 1/2	2.10
7/8" x #14 1/2	1.45
1" x #14 1/2	1.25
1 1/8" x #14 1/2	1.20
1 1/4" x #14	1.15
1 3/8" x #13	.95
1 1/2" x #13	.90

BEER CASE,  
CLEAT, HINGE,  
LATCH PLATE,  
AND LOCK NAILS

5/8" x #14	\$2.35
5/8" x #13	2.25
3/4" x #14	2.00
3/4" x #13	1.90
7/8" x #13	1.65
1" x #14	1.55
1 1/8" x #14 1/2	1.50
1 1/8" x #13	1.40
1 1/4" x #13	1.40
1 1/4" x #13	1.35
1 1/8" x #13	1.30
1 3/8" x #13	1.25
1 3/8" x #12 1/2	1.05
1 7/8" x #12	1.00

BEER CASE  
STRAP NAILS

1 1/4" x #13	\$1.20
1 1/2" x #12 1/2	.95
1 3/4" x #12	.85
2" x #11 1/2	.75

## CLINCH NAILS

2d	\$1.55
3d	1.35
4d	1.10
5d	1.00
6d	.90
7d	.85
8d	.80
9d	.75
10d	.70
12d	.65
16d	.60
20d	.55

## CLOUT NAILS

3/4" x #15	\$2.40
7/8" x #14	1.75
1" x #14	1.55
1 1/8" x #14	1.50
1 1/4" x #13	1.35
1 3/8" x #13	1.25
1 1/2" x #13	1.20

## GUTTER SPIKES

Flat Head  
Diamond Point  
Oval Head  
Chisel Point

5 1/2" x 1 1/4"	\$1.00
6" x 1 1/4"	.85
6 1/2" x 1 1/4"	.85
7" x 1 1/4"	.85
7" x 5 Ga.	1.05
7" x 6 Ga.	1.15
7" x 7 Ga.	1.25
7" x 8 Ga.	1.45
8" x 1 1/4"	1.00
8" x 5 Ga.	1.05
8 1/2" x 1 1/4"	.90
9" x 1 1/4"	.85
10" x 1 1/4"	.85
10 1/2" x 1 1/4"	.80

BARBED  
CAR NAILS

	Light	Heavy
4d	\$1.05	\$0.95
5d	.85	.80
6d	.80	.75
7d	.70	.70
8d	.70	.70
9d	.65	.65
10d	.65	.65
12d	.60	.60
16d	.55	.55
20d to 60d	.50	.50

SPECIAL BARBED  
CAR NAILS

1 1/4" x #10	\$1.10
1 1/2" x #9	.90
1 3/4" x #12	.95
1 7/8" x #10	.85
2" x #11	.85
2" x #8	.75
2 1/4" x #10	.75
2 1/2" x #11	.80
2 3/4" x #10	.75
2 3/4" x #7	.70
2 3/4" x #10	.70
2 3/4" x #9	.65
2" x #9	.65
3" x #6	.65
3 1/4" x #8	.60
3 1/2" x #9	.55
3 1/2" x #8	.55
3" x #7	.50
4 1/2" x #4	.50
4" x #5	.50

## FENCE NAILS

5d	\$0.80
6d	.55
7d	.45
8d	.45
9d	.40
10d	.40
12d	.35
16d	.30
20d	.25

## SLATING NAILS

2d	\$1.20
3d	1.00
4d	.85
5d	.75
6d	.65
1" x #11	1.15
1" x #10	1.10
1 1/4" x #10	1.00
1 1/2" x #10	.85

ASBESTOS  
SHINGLE NAILS

## Needle Points

1 1/2" Flat Heads

1" x #11 1/2	\$1.75
1 1/8" x #11 1/2	1.75
1 1/4" x #11 1/2	1.65
1 1/2" x #11 1/2	1.60
1 3/4" x #11 1/2	1.60
2" x #11 1/2	1.55

STANDARD  
BARBED  
ROOFING NAILS

## Regular Heads

5/8" x #13	\$2.00
3/4" x #13	1.55
3/4" x #12	1.50
7/8" x #13	1.50
7/8" x #12	1.30
1" x #13	1.40
1" x #12	1.20
1 1/8" x #12	1.10
1 1/4" x #12	1.00
1 1/4" x #11	.95
1 3/8" x #11	.90
1 1/2" x #12	.90
1 1/2" x #11	.85
1 1/2" x #10	.80
1 3/4" x #10	.75
1 7/8" x #10	.70
2" x #9	.65
2 1/4" x #9	.65
2 1/2" x #9	.60

# AND OTHER WIRE PRODUCTS

## STANDARD NAIL EXTRAS

Per 100 Pounds

### LARGE HEAD BARBED ROOFING NAILS

	$\frac{1}{2}$ " Head				$\frac{7}{8}$ " Head			$\frac{3}{8}$ " Head
	8 Ga.	9 Ga.	9 $\frac{1}{2}$ Ga.	10 Ga.	10 Ga.	10 $\frac{1}{2}$ Ga.	11 Ga.	12 Ga.
$\frac{3}{4}$ "	\$1.40	\$1.50	\$1.55	\$1.65	\$1.55	\$1.65	\$1.70	\$1.80
$\frac{7}{8}$ "	1.30	1.40	1.45	1.55	1.45	1.55	1.60	1.70
1"	1.20	1.30	1.35	1.45	1.35	1.45	1.50	1.60
1 $\frac{1}{8}$ "	1.15	1.25	1.30	1.40	1.30	1.40	1.45	1.55
1 $\frac{1}{4}$ "	1.10	1.20	1.25	1.35	1.25	1.35	1.40	1.50
1 $\frac{1}{2}$ "	1.05	1.15	1.20	1.30	1.20	1.30	1.35	1.45
1 $\frac{3}{4}$ "	1.00	1.10	1.15	1.25	1.15	1.25	1.30	1.40
2"	1.00	1.10	1.15	1.25	1.15	1.25	1.30	1.40

### PERFECT ROOFING NAILS

	No. 10 $\frac{5}{8}$ " head	No. 10 $\frac{1}{2}$ $\frac{3}{8}$ " head	No. 11 $\frac{1}{2}$ " head	No. 11 $\frac{3}{8}$ " head	No. 12 $\frac{7}{8}$ " head	No. 12 $\frac{1}{2}$ " head
$\frac{3}{4}$ "	\$2.30	\$2.40	\$2.60	\$2.75	\$2.90	\$3.05
$\frac{7}{8}$ "	2.00	2.10	2.30	2.45	2.60	2.75
1"	1.80	1.90	2.10	2.25	2.40	2.55
1 $\frac{1}{8}$ "	1.75	1.85	2.05	2.20	2.35	2.50
1 $\frac{1}{4}$ "	1.70	1.80	2.00	2.15	2.30	2.45
1 $\frac{1}{2}$ "	1.65	1.75	1.95	2.10	2.25	2.40
1 $\frac{3}{4}$ "	1.60	1.70	1.90	2.05	2.20	2.35
2"	1.60	1.70	1.90	2.05	2.20	2.35

### NON-LEAK ROOFING NAILS

	No. 9 Ga.	No. 10 Ga.
1 $\frac{1}{2}$ "	\$2.55	\$2.80
1 $\frac{3}{4}$ "	2.30	2.55
2"	2.10	2.35

### SMOOTH FOUNDRY NAILS

	No. 8 $\frac{1}{2}$ " Head	No. 9 $\frac{1}{2}$ " Head	No. 10 $\frac{1}{2}$ " Head	No. 11 $\frac{7}{8}$ " Head
$\frac{3}{4}$ "	\$1.35	\$1.45	\$1.50	\$1.55
$\frac{7}{8}$ "	1.25	1.35	1.40	1.45
1"	1.15	1.25	1.30	1.35
1 $\frac{1}{8}$ "	1.10	1.20	1.25	1.30
1 $\frac{1}{4}$ "	1.05	1.15	1.20	1.25
1 $\frac{1}{2}$ "	1.00	1.10	1.15	1.20
1 $\frac{3}{4}$ "	1.00	1.10	1.15	1.20
2"	1.20	1.25	1.35	1.45
2 $\frac{1}{4}$ "	1.15	1.20	1.30	1.40
2 $\frac{1}{2}$ "	1.15	1.20	1.30	1.40
2 $\frac{3}{4}$ "	1.10	1.15	1.25	1.35
3" and longer	1.05	1.10	1.20	1.30

### PLASTER BOARD NAILS

	No. 9 $\frac{1}{2}$ " Head	No. 10 $\frac{1}{2}$ " Head	No. 11 $\frac{7}{8}$ " Head
1"	\$1.25	\$1.30	\$1.35
1 $\frac{1}{4}$ "	1.15	1.20	1.25
1 $\frac{1}{2}$ "	1.10	1.15	1.20

# STANDARD NAIL EXTRAS

Per 100 Pounds

## SPECIAL PLASTER BOARD NAILS

	Bright	Blued
13 Ga., $\frac{1}{8}$ " Head		
1" .....	\$2.00	\$2.35
1 $\frac{1}{8}$ " .....	1.85	2.20
1 $\frac{1}{4}$ " .....	1.75	2.10
1 $\frac{1}{2}$ " .....	1.65	2.00
1 $\frac{3}{4}$ " .....	1.55	1.90

## HINGE NAILS

	Light	Heavy
3d .....	\$1.10	\$1.10
4d .....	.95	.95
6d .....	.80	.80
8d .....	.75	.75
10d .....	.70	.80
12d .....	.65	.75
16d .....	.60	.70
20d .....	.55	.65

## BOAT NAILS

	Light	Heavy
4d .....	\$0.95	\$0.95
6d .....	.80	.80
8d .....	.75	.75
10d .....	.70	.80
12d .....	.65	.75
16d .....	.60	.70
20d .....	.55	.65

## BROOM NAILS

$\frac{5}{8}$ " x #14 .....	\$2.20	$\frac{3}{4}$ " x #14 .....	\$1.85
$\frac{5}{8}$ " x #15 .....	2.60	$\frac{3}{4}$ " x #15 .....	2.25

## METAL LATH NAILS

### Hook Head

1 $\frac{1}{8}$ " x No. 12 Ga.	
Polished .....	\$2.95
Blued .....	3.30
Galvanized .....	4.95

## HOOP FASTENERS

Size	Bright	Blued
#3—( $\frac{3}{8}$ " x #13) .....	\$2.85	\$3.20
#2—( $\frac{1}{2}$ " x #10 $\frac{1}{2}$ ) .....	1.95	2.30
#1—( $\frac{5}{8}$ " x #9) .....	1.85	2.20
#0—(1" x #8) .....	1.55	1.90

## \*BARBED DOWEL PINS

	8 Ga.	9 Ga.	10 Ga.	11 Ga.	12 Ga.
$\frac{5}{8}$ "	\$1.75	\$1.90	\$2.00	\$2.20	\$2.45
$\frac{3}{4}$ "	1.50	1.65	1.75	1.90	2.15
$\frac{7}{8}$ "	1.35	1.50	1.60	1.75	2.00
1"	1.25	1.40	1.50	1.65	1.90
1 $\frac{1}{8}$ "	1.15	1.30	1.40	1.50	1.75
1 $\frac{1}{4}$ "	1.10	1.25	1.35	1.45	1.70
1 $\frac{3}{8}$ "	1.05	1.20	1.30	1.40	1.65
1 $\frac{1}{2}$ "	1.00	1.15	1.25	1.35	1.60
1 $\frac{5}{8}$ "	.95	1.10	1.20	1.30	1.55
1 $\frac{3}{4}$ "	.90	1.05	1.15	1.25	1.50
2"	.85	1.00	1.10	1.20	1.45

\*Cupped Heads, when specified, furnished without extra charge.

## ADDITIONAL EXTRAS

In addition to the "Advance over Base Price" which is shown in the table for each kind of nails, the following extras apply when nails so described are furnished.

Annealed Nails .....	\$0.25 per 100 lbs.
Blued Nails (excepting Blued Lath Nails) .....	0.35 per 100 lbs.
Barbed (except as provided herein) .....	0.25 per 100 lbs.
Special Heads .....	0.15 per 100 lbs.
Special Points .....	0.15 per 100 lbs.
Cement Coating (extra over Bright) .....	0.25 per 100 lbs.
Galvanized Hoop Fasteners, all sizes .....	2.00 per 100 lbs.
Galvanized Nails and Brads, No. 15 and Coarser .....	2.00 per 100 lbs.
Galvanized Nails and Brads, Finer than No. 15 .....	2.50 per 100 lbs.

For Small Package extras, see Page 36.

# AND OTHER WIRE PRODUCTS

## CEMENT COATED NAIL EXTRAS

### COATED COMMON NAILS

Size	Length and Gauge	Advance Over Base per 100 Lbs.	Approximate No. Nails per Lb.
2d	1 x16	\$2.40	1084
3d	1 1/8 x15 1/2	1.90	848
4d	1 1/8 x14	1.55	488
5d	1 1/8 x13 1/2	1.35	364
6d	1 1/8 x13	1.15	275
7d	2 1/8 x12 1/2	.90	212
8d	2 1/8 x11 1/2	.75	142
9d	2 1/8 x11 1/2	.75	130
10d	2 1/8 x11	.65	104

### COATED COMMON NAILS With Countersunk Heads

2d	1 x16	\$2.40	1084
3d	1 1/8 x15 1/2	1.90	848
4d	1 1/8 x14	1.55	488
5d	1 1/8 x13 1/2	1.35	364
6d	1 1/8 x13	1.15	275
7d	2 1/8 x12 1/2	.90	212
8d	2 1/8 x11 1/2	.75	142
9d	2 1/8 x11 1/2	.75	130
10d	2 1/8 x11	.65	104
12d	3 1/8 x10	.55	77
16d	3 1/8 x 9	.45	61
20d	3 1/8 x 7	.35	37
30d	4 1/8 x 6	.35	29
40d	4 1/8 x 5	.35	21
50d	5 1/8 x 4	.35	16
60d	5 1/8 x 3	.35	13

### COATED BOX NAILS

2d	1 x16 1/2	\$2.55	1300
3d	1 1/8 x16	2.05	950
4d	1 1/8 x15 1/2	1.90	710
5d	1 1/8 x15	1.70	536
6d	1 1/8 x13 1/2	1.30	306
7d	2 1/8 x13 1/2	1.20	268
8d	2 1/8 x12 1/2	1.00	186
9d	2 1/8 x12 1/2	1.00	167
10d	2 1/8 x11 1/2	.90	118

### COATED LIGHT BARBED CAR NAILS

Size	Length and Gauge	Advance Over Base per 100 Lbs.	Approximate No. Nails per Lb.
4d	1 1/2 x13	\$1.35	335
5d	1 1/4 x11	1.05	176
6d	2 x11	1.00	149
7d	2 1/4 x10	.85	103
8d	2 1/2 x10	.75	96
9d	2 3/4 x 9	.75	74
10d	3 x 9	.70	65
12d	3 1/4 x 8	.70	51
16d	3 1/2 x 8	.65	48
20d	4 x 7	.50	36
30d	4 1/2 x 7	.50	31
40d	5 x 6	.50	24
50d	5 1/2 x 5	.50	17
60d	6 x 5	.50	16

### COATED HEAVY RAILROAD NAILS

Size	Length and Gauge	Advance Over Base per 100 Lbs.	Approximate No. Nails per Lb.
2d	1 x16	\$2.40	1084
3d	1 1/8 x15	1.80	678
4d	1 1/8 x13 1/2	1.50	392
5d	1 1/8 x13 1/2	1.35	364
6d	1 1/8 x12 1/2	1.05	232
7d	2 1/8 x12 1/2	.90	212
8d	2 1/8 x11	.70	129
9d	2 1/8 x11	.70	114
10d	2 1/8 x10	.60	84
12d	3 1/8 x10	.55	77
16d	3 1/8 x 9	.45	59
20d	3 1/8 x 7	.35	36
30d	4 1/8 x 6	.35	27
40d	4 1/8 x 5	.35	21
50d	5 1/8 x 4	.35	16
60d	5 1/8 x 3	.35	12

### COATED EGG CASE NAILS

2d	1 x16	\$2.65	1050
3d	1 1/8 x15	2.15	738
4d	1 1/2 x14	1.80	435

### COATED ORANGE BOX NAILS

4d	1 1/4 x15	\$2.00	679
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### COATED FRUIT BOX NAILS

4d	1 1/2 x15	\$1.95	623
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### COATED VENEER BOX NAILS

4d	1 1/2 x14	\$1.95	435
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### COATED APPLE BOX NAILS

5d	1 1/2 x14	\$1.50	418
5 1/2 d	1 3/4 x14	1.40	388

### COATED HEAVY BARBED CAR NAILS

Size	Length and Gauge	Advance Over Base per 100 Lbs.	Approximate No. Nails per Lb.
4d	1 1/2 x12	\$1.20	274
5d	1 1/4 x10	1.00	138
6d	2 x10	.95	117
7d	2 1/4 x 9	.85	85
8d	2 1/2 x 9	.75	78
9d	2 3/4 x 8	.75	62
10d	3 x 8	.70	55
12d	3 1/4 x 7	.65	44
16d	3 1/2 x 7	.60	38
20d	4 x 6	.50	29
30d	4 1/2 x 6	.50	26
40d	5 x 5	.50	20
50d	5 1/2 x 4	.50	15
60d	6 x 4	.50	14

**COMMON NAILS****Flat Head—Diamond Point**

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance over Base Price
2d	1	15	876	\$1.65
3d	1 1/4	14	568	1.15
4d	1 1/2	12 1/2	316	.80
5d	1 3/4	12 1/2	271	.70
6d	2	11 1/2	181	.60
7d	2 1/4	11 1/2	161	.55
8d	2 1/2	10 1/4	106	.50
9d	2 3/4	10 1/4	96	.45
10d	3	9	69	.40
12d	3 1/4	9	63	.35
16d	3 1/2	8	49	.30
20d	4	6	31	.25
30d	4 1/2	5	24	.25
40d	5	4	18	.25
50d	5 1/2	3	14	.25
60d	6	2	11	.25

## AND OTHER WIRE PRODUCTS

16d.—3½ in. x No. 8.

20d.—4 in. x No. 6.

30d.—4½ in. x No. 5.

40d.—5 in. x No. 4.

50d.—5½ in. x No. 3.

60d.—6 in. x No. 2.

This nail, as actually made, is ½ in. longer than shown.

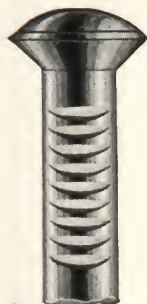
Barbed Nails furnished in all sizes and kinds at \$0.25 per 100 lbs. advance over the price of smooth nails.

## ROUND WIRE SPIKES



Flat or Oval  
Countersunk Head

Diamond or Chisel Point



Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance over Base Price
10d	3	6	$\frac{13}{32}$	41	\$0.40
12d	$3\frac{1}{4}$	6	$\frac{13}{32}$	38	.35
16d	$3\frac{1}{2}$	5	$\frac{7}{16}$	30	.30
20d	4	4	$\frac{15}{32}$	23	.25
30d	$4\frac{1}{2}$	3	$\frac{1}{2}$	17	.25
40d	5	2	$\frac{17}{32}$	13	.25
50d	$5\frac{1}{2}$	1	$\frac{9}{16}$	10	.25
60d	6	1	$\frac{9}{16}$	9	.25
7-in.	7	$\frac{5}{16}$ -in.	$\frac{5}{8}$	6	.25
8-in.	8	$\frac{3}{8}$ -in.	$\frac{3}{4}$	4	.35
9-in.	9	$\frac{3}{8}$ -in.	$\frac{3}{4}$	$3\frac{1}{2}$	.35
10-in.	10	$\frac{3}{8}$ -in.	$\frac{3}{4}$	3	.45
12-in.	12	$\frac{3}{8}$ -in.	$\frac{3}{4}$	$2\frac{1}{2}$	.45

Special Gauges . . . . . \$0.10 advance per 100 lbs.

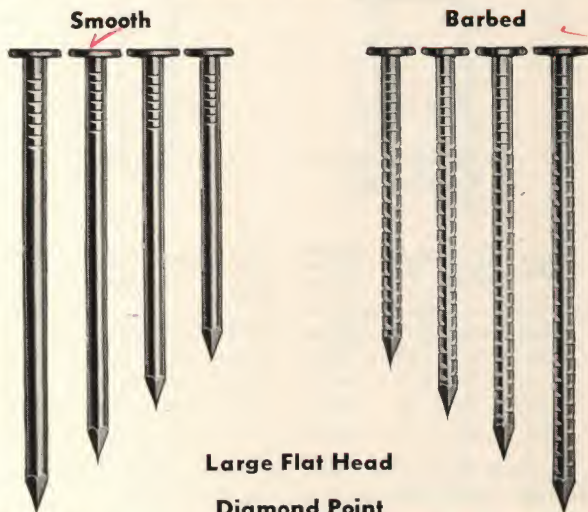


In ordering, State Style of Head  
and Point Wanted



# AND OTHER WIRE PRODUCTS

## BOX OR SIDING NAILS



Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance over Base Price (Smooth)
2d	1	15½	$\frac{3}{16}$	1010	\$1.65
3d	1¼	14½	$\frac{7}{32}$ ✓	635	1.15
4d	1½	14	$\frac{7}{32}$	473	1.00
5d	1¾	14	$\frac{7}{32}$	406	.90
6d	2	12½	$\frac{17}{64}$	236	.65
7d	2¼	12½	$\frac{17}{64}$	210	.60
8d	2½	11½	$\frac{19}{64}$	145	.55
9d	2¾	11½	$\frac{19}{64}$	132	.50
10d	3	10½	$\frac{5}{16}$	94	.45
12d	3¼	10½	$\frac{5}{16}$	88	.40
16d	3½	10	$\frac{11}{32}$	71	.35
20d	4	9	$\frac{3}{8}$	52	.25
30d	4½	9	$\frac{3}{8}$	46	.25
40d	5	8	$\frac{13}{32}$	35	.25

Barbed Nails 25c advance per 100 lbs.

For special Box Nail sizes and extras, see page 7.

**BERRY BOX NAILS**

(Barbed)

**Flat Head****Long Diamond or  
Needle Point**

Length Inches	Dia. Head Gauge	Gauge No.	Approx. No. to Pound	Ad- vance Over Base Price	Gauge No.	Approx. No. to Pound	Ad- vance Over Base Price
$\frac{3}{4}$	9	17	1904	\$3.25	16	1500	\$3.05
$\frac{7}{8}$	9	17	1584	3.00	16	1300	2.80
1	9	17	1432	2.80	16	1150	2.60
$1\frac{1}{8}$	9	17	1300	2.75	16	1010	2.55
$1\frac{1}{4}$	9	17	1168	2.70	16	910	2.50

Smooth Berry Box Nails \$0.25 per 100 lbs. less than barbed. Needle points, 15c per 100 lbs. extra.

**FINE NAILS AND  
STERILIZED (BLUED) LATH NAILS****Flat Head****Diamond Point**

Size	Length Inches	Gauge No.	Approx. No. to Pound	Advance over Base Price
2d ex. fine	1	17	1560	\$2.40
2d fine	1	$16\frac{1}{2}$	1351	2.20
3d ex. fine	$1\frac{1}{8}$	16	1015	2.15
3d fine	$1\frac{1}{8}$	15	778	1.60
2d Lt. Blued	1	17	1560	2.75
2d Blued	1	$16\frac{1}{2}$	1351	2.55
3d Lt. Blued	$1\frac{1}{8}$	16	1015	2.50
3d Blued	$1\frac{1}{8}$	15	778	1.95

## AND OTHER WIRE PRODUCTS

### BARREL NAILS

Flat Head

Diamond Point



Size Inches	Length and Gauge		Diameter Head Gauge	Approx. No. to Pound	Advance Over Base Price
$\frac{5}{8}$	$\frac{5}{8}$ in.	No. 15 $\frac{1}{2}$	9	1615	\$2.45
$\frac{3}{4}$	$\frac{3}{4}$ "	" 15 $\frac{1}{2}$	9	1346	2.10
$\frac{7}{8}$	$\frac{7}{8}$ "	" 14 $\frac{1}{2}$	7	906	1.45
1	1 "	" 14 $\frac{1}{2}$	7	775	1.25
$1\frac{1}{8}$	$1\frac{1}{8}$ "	" 14 $\frac{1}{2}$	7	700	1.20
$1\frac{1}{4}$	$1\frac{1}{4}$ "	" 14	$\frac{3}{16}$	568	1.15
$1\frac{3}{8}$	$1\frac{3}{8}$ "	" 13	$\frac{7}{32}$	400	.95
$1\frac{1}{2}$	$1\frac{1}{2}$ "	" 13	$\frac{7}{32}$	367	.90

### BROOM NAILS

Flat Head  
Diamond Point



Are usually  $\frac{5}{8}$  inch or  $\frac{3}{4}$  inch long, made from No. 14 or No. 15 gauge wire, with smooth flat or flat star heads, diamond point.

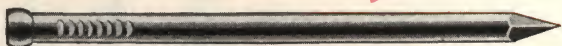
Advance Over Base Price

$\frac{5}{8}$ x 14.....\$2.20	$\frac{3}{4}$ x 14.....\$1.85
$\frac{5}{8}$ x 15..... 2.60	$\frac{3}{4}$ x 15..... 2.25

Size of Head: No. 15—No. 5 gauge  
No. 14— $\frac{7}{32}$  Inch

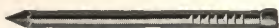
**COMMON BRADS**

Brad Head—Diamond Point



Size	Length Inches	Gauge No.	Dia. of Head Gauge	Approx. No. to Pound	Advance over Base Price
2d	1	15	12	876	\$1.70
3d	1 $\frac{1}{4}$	14	11	568	1.20
4d	1 $\frac{1}{2}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	316	.85
5d	1 $\frac{3}{4}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	271	.75
6d	2	11 $\frac{1}{2}$	8 $\frac{1}{2}$	181	.65
7d	2 $\frac{1}{4}$	11 $\frac{1}{2}$	8 $\frac{1}{2}$	161	.60
8d	2 $\frac{1}{2}$	10 $\frac{1}{4}$	7	106	.55
9d	2 $\frac{3}{4}$	10 $\frac{1}{4}$	7	96	.50
10d	3	9	6	69	.45
12d	3 $\frac{1}{4}$	9	6	64	.40
16d	3 $\frac{1}{2}$	8	5	49	.35
20d	4	6	3	31	.30
30d	4 $\frac{1}{2}$	5	2	24	.30
40d	5	4	1	18	.30
50d	5 $\frac{1}{2}$	3	0	16	.30
60d	6	2	00	11	.30

Furnished with Cupped Heads at no extra charge.

**FINISHING  
NAILS**Brad Head  
Diamond Point

Size	Length Inches	Gauge No.	Dia. of Head Gauge	Approx. No. to Pound	Advance over Base Price
2d	1	16 $\frac{1}{2}$	13 $\frac{1}{2}$	1351	\$2.25
3d	1 $\frac{1}{4}$	15 $\frac{1}{2}$	12 $\frac{1}{2}$	807	1.60
4d	1 $\frac{1}{2}$	15	12	584	1.45
5d	1 $\frac{3}{4}$	15	12	500	1.35
6d	2	13	10	309	.80
7d	2 $\frac{1}{4}$	13	10	238	.75
8d	2 $\frac{1}{2}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	189	.65
9d	2 $\frac{3}{4}$	12 $\frac{1}{2}$	9 $\frac{1}{2}$	172	.60
10d	3	11 $\frac{1}{2}$	8 $\frac{1}{2}$	121	.55
12d	3 $\frac{1}{4}$	11 $\frac{1}{2}$	8 $\frac{1}{2}$	113	.50
16d	3 $\frac{1}{2}$	11	8	90	.45
20d	4	10	7	62	.35

Furnished with Cupped Heads at no extra charge.

For special sizes and extras, see page 7.

## AND OTHER WIRE PRODUCTS

### CASING NAILS

#### Deep Countersunk Head Diamond Point



Size	Length Inches	Gauge No.	Dia. of Head Gauge	Approx. No. to Pound	Advance over Base Price
2d	1	15 1/2	12 1/2	1010	\$1.70
3d	1 1/4	14 1/2	11 1/2	635	1.20
4d	1 1/2	14	11	473	1.05
5d	1 3/4	14	11	406	.95
6d	2	12 1/2	9 1/2	236	.70
7d	2 1/4	12 1/2	9 1/2	210	.65
8d	2 1/2	11 1/2	8 1/2	145	.60
9d	2 3/4	11 1/2	8 1/2	132	.55
10d	3	10 1/2	7 1/2	94	.50
12d	3 1/4	10 1/2	7 1/2	87	.45
16d	3 1/2	10	7	71	.40
20d	4	9	6	52	.30
30d	4 1/2	9	6	46	.30
40d	5	8	5	35	.30

Furnished with Cupped Heads at no extra charge.

### FLOORING BRADS

#### Deep Countersunk Head—Diamond Point



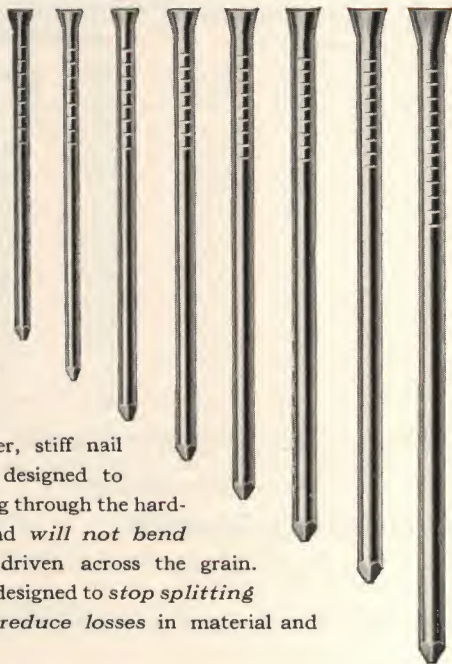
Size	Length Inches	Gauge No.	Dia. of Head Gauge	Approx. No. to Pound	Advance over Base Price
6d	2	11	6	157	\$0.65
7d	2 1/4	11	6	139	.60
8d	2 1/2	10	5	99	.55
9d	2 3/4	10	5	90	.50
10d	3	9	4	69	.45
12d	3 1/4	8	3	54	.40
16d	3 1/2	7	2	43	.35
20d	4	6	1	31	.30

Furnished with Cupped Heads at no extra charge.  
For special sizes and extras, see page 7.

# PERFECT FLOORING NAILS

Deep Countersunk Head—Blunt Point

Brad Head  
or  
Cupped  
Head  
Furnished  
upon  
Request



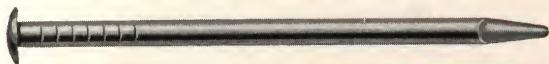
This slender, stiff nail is especially designed to permit driving through the hardest woods and *will not bend* even when driven across the grain. The point is designed to *stop splitting* and thereby *reduce losses* in material and labor.

Size	Length Inches	Gauge No.	Approx. No. to Pound	Advance Over Base Price
3d	1 1/4	14 1/2	615	\$1.55
4d	1 1/2	14	459	1.40
5d	1 3/4	14	398	1.30
6d	2	12 1/2	233	1.05
7d	2 1/4	12	176	1.00
8d	2 1/2	11 1/2	137	.95
9d	2 3/4	11	114	.90
10d	3	10 1/2	92	.85
12d	3 1/4	10	76	.80
16d	3 1/2	9	57	.70
20d	4	8	42	.65

## AND OTHER WIRE PRODUCTS

### CLINCH NAILS

Oval Head—Duck Bill Point



Size	Length Inches	Gauge No.	Diameter of Head	Approx. No. to Pound	Advance Over Base Price
2d	1	14	$\frac{3}{16}$	710	\$1.55
3d	1 $\frac{1}{4}$	13	$\frac{7}{32}$	429	1.35
4d	1 $\frac{1}{2}$	12	$\frac{1}{4}$	274	1.10
5d	1 $\frac{3}{4}$	12	$\frac{1}{4}$	235	1.00
6d	2	11	2 Ga.	157	.90
7d	2 $\frac{1}{4}$	11	2 "	139	.85
8d	2 $\frac{1}{2}$	10	$\frac{9}{32}$	99	.80
9d	2 $\frac{3}{4}$	10	$\frac{9}{32}$	90	.75
10d	3	9	$\frac{5}{16}$	69	.70
12d	3 $\frac{1}{4}$	9	$\frac{5}{16}$	62	.65
16d	3 $\frac{1}{2}$	8	$\frac{11}{32}$	49	.60
20d	4	7	$\frac{3}{8}$	37	.55

Annealed Clinch Nails.....\$0.25 advance per 100 lbs.

### BRIGHT CLOUT NAILS

Long Duck Bill Point



Size	Length Inches	Gauge No.	Diameter of Head	Approx. No. to Pound	Advance Over Base Price
$\frac{3}{4}$	$\frac{3}{4}$	15	4 Ga.	1160	\$2.40
$\frac{7}{8}$	$\frac{7}{8}$	14	3 "	808	1.75
1	1	14	3 "	705	1.55
1 $\frac{1}{8}$	1 $\frac{1}{8}$	14	3 "	628	1.50
1 $\frac{1}{4}$	1 $\frac{1}{4}$	13	2 "	423	1.35
1 $\frac{3}{8}$	1 $\frac{3}{8}$	13	2 "	390	1.25
1 $\frac{1}{2}$	1 $\frac{1}{2}$	13	2 "	350	1.20

Annealed Clout Nails.....\$0.25 advance per 100 lbs.

**SHINGLE NAILS****Flat Head—Diamond Point**

Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
3d	1 1/4	13	7/32	429	\$1.05
3 1/2d	1 3/8	12 1/2	1/4	345	.85
4d	1 1/2	12	1/4	274	.80
5d	1 3/4	12	1/4	235	.70
6d	2	12	1/4	204	.65

For special sizes and extras, see page 7.

**PERFECT SHINGLE NAILS****1/4" Flat Head—Blunt Diamond Point**

A nail with thin, stiff shank  
that *will not split* the shingle  
or bend.

Size	Length	Gauge	Approx. No. to Pound	Advance Over Base Price
3d	1 1/4	14	466	\$1.45
3 1/2d	1 3/8	14	436	1.35
4d	1 1/2	13	313	1.20

**WOOD SHINGLE NAILS****5d-1 3/4" x 13 Ga. x 1/4" Head—Diamond Point**

Used for laying  
new shingles over  
old. Bright extra—  
\$.95 per 100 lbs.

## AND OTHER WIRE PRODUCTS

### ASBESTOS SHINGLE NAILS

**1 $\frac{3}{32}$ " Flat Head—Needle Point**



A barbed shank that assures holding the heavy shingle in place. A large smooth head that prevents nail from wearing through the shingle. Needle pointed for easy driving. Gauge No. 11 $\frac{1}{2}$ . For long life and strength. Usually ordered galvanized.

Length	Approx. No. to Pound		Advance Over Base Price
	Bright	Galvanized	
1"	316	276	\$1.75
1 $\frac{1}{8}$ "	281	252	1.75
1 $\frac{1}{4}$ "	261	233	1.65
1 $\frac{1}{2}$ "	219	198	1.60
1 $\frac{3}{4}$ "	190	173	1.60
2"	170	154	1.55

Subject to standard extras for galvanizing.

### SLATING NAILS

**Flat Head, Slightly Countersunk  
Diamond Point**



Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Adv. Over Base Price
2d	1	12	$\frac{5}{16}$	411	\$1.20
3d	1 $\frac{1}{4}$	10 $\frac{1}{2}$	$\frac{3}{8}$	225	1.00
4d	1 $\frac{1}{2}$	10 $\frac{1}{2}$	$\frac{3}{8}$	187	.85
5d	1 $\frac{3}{4}$	10	$\frac{13}{32}$	142	.75
6d	2	9	$\frac{7}{16}$	103	.65

For special sizes and extras, see page 8.

## STANDARD BARBED ROOFING NAILS

Flat Head—Diamond Point



Size	Length Inches	Gauge No.	Approx. No. to Pound	Advance over Base Price
$\frac{3}{4}$	$\frac{3}{4}$	13	714	\$1.55
$\frac{7}{8}$	$\frac{7}{8}$	12	469	1.30
1	1	12	411	1.20
$1\frac{1}{8}$	$1\frac{1}{8}$	12	365	1.10
$1\frac{1}{4}$	$1\frac{1}{4}$	11	251	.95
$1\frac{3}{8}$	$1\frac{3}{8}$	11	230	.90
$1\frac{1}{2}$	$1\frac{1}{2}$	10	176	.80
$1\frac{3}{4}$	$1\frac{3}{4}$	10	151	.75
2	2	9	103	.65

For special sizes and extras, see page 8.

## LARGE HEAD BARBED ROOFING NAILS

Diamond Point

Usually Ordered Galvanized



Length Inches	Advance Over Base Price							
	$\frac{1}{2}$ " Head				$\frac{7}{16}$ " Head			$\frac{3}{8}$ " Head
	8 Ga.	9 Ga.	$9\frac{1}{2}$ Ga.	10 Ga.	10 Ga.	$10\frac{1}{2}$ Ga.	11 Ga.	12 Ga.
$\frac{3}{4}$	\$1.40	\$1.50	\$1.55	\$1.65	\$1.55	\$1.65	\$1.70	\$1.80
$\frac{7}{8}$	1.30	1.40	1.45	1.55	1.45	1.55	1.60	1.70
1	1.20	1.30	1.35	1.45	1.35	1.45	1.50	1.60
$1\frac{1}{8}$	1.15	1.25	1.30	1.40	1.30	1.40	1.45	1.55
$1\frac{1}{4}$	1.10	1.20	1.25	1.35	1.25	1.35	1.40	1.50
$1\frac{1}{2}$	1.05	1.15	1.20	1.30	1.20	1.30	1.35	1.45
$1\frac{3}{4}$	1.00	1.10	1.15	1.25	1.15	1.25	1.30	1.40
2	1.00	1.10	1.15	1.25	1.15	1.25	1.30	1.40

Subject to standard extras for galvanizing.

## AND OTHER WIRE PRODUCTS

### LARGE HEAD BARBED ROOFING NAILS

Approximate Number of Nails to the Pound  
Galvanized (Hot Process)

Length Inches	$\frac{1}{2}$ " Head				$\frac{1}{8}$ " Head			$\frac{3}{8}$ " Head
	8 Ga.	9 Ga.	9½ Ga.	10 Ga.	10 Ga.	10½ Ga.	11 Ga.	12 Ga.
$\frac{3}{4}$	177	214	235	250	255	298	315	396
$\frac{7}{8}$	160	184	200	215	225	264	280	370
1	140	165	190	190	210	228	255	320
1½	132	157	177	180	185	222	232	308
1¾	125	148	165	170	170	198	210	261
1½	102	125	138	150	155	167	180	232
1¾	88	107	120	130	135	147	150	199
2	80	96	105	110	115	126	138	182

### NON LEAK ROOFING NAILS

Diamond Point—Knobbed Convex Head



A real time and cost saver for corrugated roofers. Replaces the lead washer and lead head nails.

(Diameter of heads about  $\frac{1}{2}$  inch)

Length Inches	No. 9 Gauge		No. 10 Gauge	
	Approx. No. per Lb. Galv.	Advance Over Base Price	Approx. No. per Lb. Galv.	Advance Over Base Price
1½	98	\$2.55	115	\$2.80
1¾	87	2.30	106	2.55
2	79	2.10	93	2.35

Subject to standard extras for galvanizing.

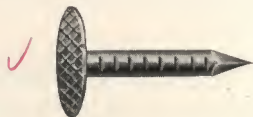
## PERFECT ROOFING NAILS

### Large Checkered Flat Head Long Diamond Point

The heads of Perfect Roofing Nails are extra large, checkered and of heavy construction. The nails have long, sharp points, and are furnished in either the bright finish or galvanized by the hot process with a uniform and heavy coating of zinc.

These nails are adapted for use with all kinds of prepared and composition roofing and will last as long as the life of the roofing.

Perfect Roofing Nails are manufactured in lengths varying from  $\frac{3}{4}$  inch to 2 inches, inclusive.



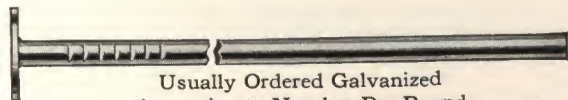
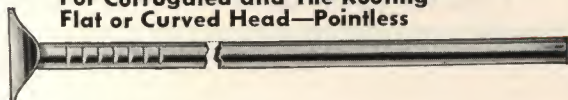
Length Inches	Advance Over Base Price					
	No. 10 Gauge	No. 10½ Gauge	No. 11 Gauge		No. 12 Gauge	
	$\frac{5}{8}$ " Head	$\frac{9}{16}$ " Head	$\frac{1}{2}$ " Head	$\frac{5}{8}$ " Head	$\frac{7}{8}$ " Head	$1\frac{1}{2}$ " Head
$\frac{3}{4}$	\$2.30	\$2.40	\$2.60	\$2.75	\$2.90	\$3.05
$\frac{7}{8}$	2.00	2.10	2.30	2.45	2.60	2.75
1	1.80	1.90	2.10	2.25	2.40	2.55
$1\frac{1}{8}$	1.75	1.85	2.05	2.20	2.35	2.50
$1\frac{1}{4}$	1.70	1.80	2.00	2.15	2.30	2.45
$1\frac{1}{2}$	1.65	1.75	1.95	2.10	2.25	2.40
$1\frac{3}{4}$	1.60	1.70	1.90	2.05	2.20	2.35
2	1.60	1.70	1.90	2.05	2.20	2.35

Subject to standard extras for galvanizing.

## AND OTHER WIRE PRODUCTS

### SHEET ROOFING FASTENERS

For Corrugated and Tile Roofing  
Flat or Curved Head—Pointless



Usually Ordered Galvanized  
Approximate Number Per Pound

Length Inches	Diameter $\frac{1}{8}$ Inch	Diameter No. 10 Gauge
6	46	..
7	40	..
8	34	30
9	31	27
10	28	24
12	23	20

Furnished annealed or galvanized.  
Prices quoted on application.

### BARBED DOWEL PINS

Headless—Diamond Point

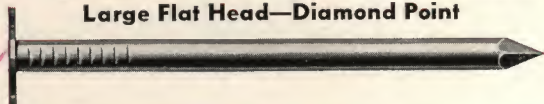


Cupped end, when ordered,  
furnished at no extra cost.



Size	Advance Over Base Price				
	8 Ga.	9 Ga.	10 Ga.	11 Ga.	12 Ga.
$\frac{5}{8}$	\$1.75	\$1.90	\$2.00	\$2.20	\$2.45
$\frac{3}{4}$	1.50	1.65	1.75	1.90	2.15
$\frac{7}{8}$	1.35	1.50	1.60	1.75	2.00
1	1.25	1.40	1.50	1.65	1.90
$1\frac{1}{8}$	1.15	1.30	1.40	1.50	1.75
$1\frac{1}{4}$	1.10	1.25	1.35	1.45	1.70
$1\frac{3}{8}$	1.05	1.20	1.30	1.40	1.65
$1\frac{1}{2}$	1.00	1.15	1.25	1.35	1.60
$1\frac{5}{8}$	.95	1.10	1.20	1.30	1.55
$1\frac{3}{4}$	.90	1.05	1.15	1.25	1.50
2	.85	1.00	1.10	1.20	1.45

Smooth Dowel Pins, \$0.25 less per 100 lbs.

**SMOOTH FOUNDRY NAILS****Large Flat Head—Diamond Point**

Length Inches	Advance Over Base Price			
	No. 8 $\frac{1}{2}$ Inch Head	No. 9 $\frac{1}{2}$ Inch Head	No. 10 $\frac{1}{2}$ Inch Head	No. 11 $\frac{1}{2}$ Inch Head
$\frac{3}{4}$	\$1.35	\$1.45	\$1.50	\$1.55
$\frac{7}{8}$	1.25	1.35	1.40	1.45
1	1.15	1.25	1.30	1.35
$1\frac{1}{8}$	1.10	1.20	1.25	1.30
$1\frac{1}{4}$	1.05	1.15	1.20	1.25
$1\frac{1}{2}$	1.00	1.10	1.15	1.20
$1\frac{3}{4}$	1.00	1.10	1.15	1.20
2	1.20	1.25	1.35	1.45
$2\frac{1}{4}$	1.15	1.20	1.30	1.40
$2\frac{1}{2}$	1.15	1.20	1.30	1.40
$2\frac{3}{4}$	1.10	1.15	1.25	1.35
3 & longer	1.05	1.10	1.20	1.30

**SPECIAL PLASTER BOARD  
NAILS****GYPSUM PLASTER LATH NAIL****Large Flat Head—Long Diamond Point**

Large Head—provides firm holding and prevents pulling through the soft composition.

Long Sharp Point—for accuracy and ease in driving.

Thin Shank—prevents cracking of the plaster.

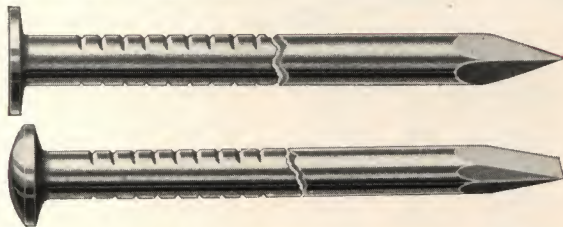
Length Inches	Gauge No.	Diam. of Head Inches	Approx. No. to Pound	Advance Over Base Price	
				Bright	Blued
1	13	$\frac{5}{16}$	469	\$2.00	\$2.35
$1\frac{1}{8}$	13	$\frac{5}{16}$	448	1.85	2.20
$1\frac{1}{4}$	13	$\frac{5}{16}$	387	1.75	2.10
$1\frac{1}{2}$	13	$\frac{5}{16}$	339	1.65	2.00
$1\frac{3}{4}$	13	$\frac{5}{16}$	291	1.55	1.90

Some sizes of smooth foundry nails are used for certain types of composition board and these are also called plaster board nails.

## AND OTHER WIRE PRODUCTS

### GUTTER (OR EAVES TROUGH) SPIKES

Flat or Oval Countersunk Head  
Diamond or Chisel Point

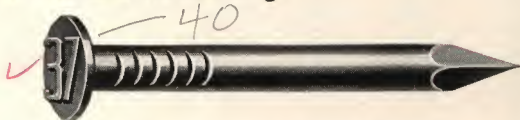


Size	Advance Over Base Price	Size	Advance Over Base Price
5 1/2" x 1/4"	\$1.00	7" x 8 ga.	\$1.45
6" x 1/4"	.85	8" x 1/4"	1.00
6 1/2" x 1/4"	.85	8" x 5 ga.	1.05
7" x 1/4"	.85	8 1/2" x 1/4"	.90
7" x 5 ga.	1.05	9" x 1/4"	.85
7" x 6 ga.	1.15	10" x 1/4"	.85
7" x 3/16"	1.25	10 1/2" x 1/4"	.80

Galvanized (Hot Zinc Coated) subject to standard extras for galvanizing.

### ROUND DATING NAILS

For Pole and Tie Marking



Furnished with Raised Figures

Length Inches	Advance Over Base Price			
	1/4" Ga.	No. 3 Ga.	1 1/8" Ga.	No. 6 Ga.
1 1/2	\$1.50	\$1.50	\$1.50	\$1.50
1 3/4	1.25	1.25	1.25	1.25
2	1.10	1.10	1.10	1.10
2 1/2	1.00	1.00	1.00	1.00

**BARBED CAR NAILS****Oval or Flat Countersunk Head—Diamond Point****(Heavy)**

Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
4d	1½	10	$\frac{9}{32}$	165	\$0.95
5d	1¾	9	$\frac{5}{16}$	118	.80
6d	2	9	$\frac{5}{16}$	103	.75
7d	2¼	8	$\frac{11}{32}$	76	.70
8d	2½	8	$\frac{11}{32}$	69	.70
9d	2¾	7	$\frac{3}{8}$	54	.65
10d	3	7	$\frac{3}{8}$	50	.65
12d	3¼	6	$\frac{13}{32}$	42	.60
16d	3½	6	$\frac{13}{32}$	35	.55
20d	4	5	$\frac{7}{16}$	26	.50
30d	4½	5	$\frac{7}{16}$	24	.50
40d	5	4	$\frac{15}{32}$	18	.50
50d	5½	3	½	15	.50
60d	6	3	½	13	.50

**(Light)**

Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
4d	1½	12	¼	274	\$1.05
5d	1¾	10	$\frac{9}{32}$	142	.85
6d	2	10	$\frac{9}{32}$	124	.80
7d	2¼	9	$\frac{5}{16}$	92	.70
8d	2½	9	$\frac{5}{16}$	82	.70
9d	2¾	8	$\frac{11}{32}$	62	.65
10d	3	8	$\frac{11}{32}$	57	.65
12d	3¼	7	$\frac{3}{8}$	50	.60
16d	3½	7	$\frac{3}{8}$	43	.55
20d	4	6	$\frac{13}{32}$	31	.50
30d	4½	6	$\frac{13}{32}$	28	.50
40d	5	5	$\frac{7}{16}$	21	.50
50d	5½	4	$\frac{15}{32}$	17	.50
60d	6	4	$\frac{15}{32}$	15	.50

Annealed Car Nails . . . . . \$0.25 advance per 100 lbs.  
For special sizes and extras, see page 8.

## AND OTHER WIRE PRODUCTS

### BEER CASE NAILS

#### CLEAT NAILS

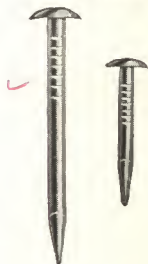


**Oval Head—Duck Bill Point**

Length	Gauge	Approx. Count Per Lb.	Advance Over Base Price
1	14	669	\$1.55
1 $\frac{1}{8}$	14 $\frac{1}{2}$	686	1.50
1 $\frac{1}{8}$	13	450	1.40
1 $\frac{3}{16}$	13	430	1.40
1 $\frac{1}{4}$	13	410	1.35
1 $\frac{5}{16}$	13	390	1.30
1 $\frac{3}{8}$	13	380	1.25
1 $\frac{5}{8}$	12 $\frac{1}{2}$	268	1.05
1 $\frac{7}{8}$	12	216	1.00

### HINGE, LATCH PLATE and LOCK NAILS

#### Oval Head—Duck Bill Point



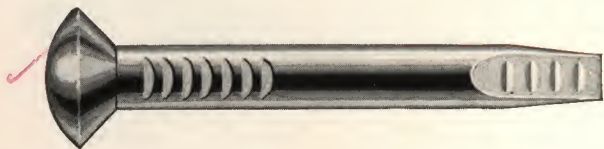
Length	Gauge	Approx. Count Per Lb.	Advance Over Base Price
$\frac{5}{8}$	14	1030	\$2.35
$\frac{5}{8}$	13	800	2.25
$\frac{3}{4}$	14	860	2.00
$\frac{3}{4}$	13	680	1.90
$\frac{7}{8}$	13	585	1.65
1 $\frac{1}{8}$	13	450	1.40
1 $\frac{1}{4}$	13	410	1.35
1 $\frac{5}{16}$	13	390	1.30

### STRAP NAILS

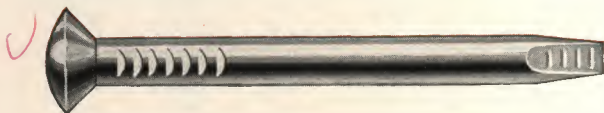
#### Oval Head—Short Diamond Point



Length	Gauge	Approx. Count Per Lb.	Advance Over Base Price
1 $\frac{1}{4}$	13	410	\$1.20
1 $\frac{1}{2}$	12 $\frac{1}{2}$	300	.95
1 $\frac{3}{4}$	12	225	.85
2	11 $\frac{1}{2}$	175	.75

**BOAT NAILS****Oval Countersunk Head—Chisel Point****(Heavy)**

Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
4d	1 1/2	1/4	1/2	44	\$0.95
6d	2	1/4	1/2	32	.80
8d	2 1/2	1/4	1/2	26	.75
10d	3	3/8	3/4	14	.80
12d	3 1/4	3/8	3/4	13	.75
16d	3 1/2	3/8	3/4	12	.70
20d	4	3/8	3/4	10	.65

**(Light)**

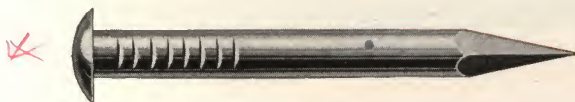
Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
4d	1 1/2	3/16	13/32	82	\$0.95
6d	2	3/16	13/32	62	.80
8d	2 1/2	3/16	13/32	50	.75
10d	3	1/4	1/2	22	.70
12d	3 1/4	1/4	1/2	20	.65
16d	3 1/2	1/4	1/2	18	.60
20d	4	1/4	1/2	16	.55

Annealed Nails . . . . . \$0.25 advance per 100 lbs.

## AND OTHER WIRE PRODUCTS

### HINGE NAILS

Flat Countersunk or Oval Head  
Chisel or Long Diamond Point



(Heavy)

Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
3d	1 1/4	1/4	1/2	55	\$1.10
4d	1 1/2	1/4	1/2	50	.95
6d	2	1/4	1/2	38	.80
8d	2 1/2	1/4	1/2	30	.75
10d	3	3/8	3/4	12	.80
12d	3 1/4	3/8	3/4	11	.75
16d	3 1/2	3/8	3/4	10	.70
20d	4	3/8	3/4	9	.65



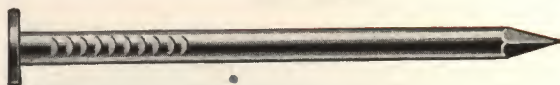
(Light)

Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
3d	1 1/4	3/16	13/32	90	\$1.10
4d	1 1/2	3/16	13/32	82	.95
6d	2	3/16	13/32	62	.80
8d	2 1/2	3/16	13/32	50	.75
10d	3	1/4	1/2	25	.70
12d	3 1/4	1/4	1/2	23	.65
16d	3 1/2	1/4	1/2	22	.60
20d	4	1/4	1/2	19	.55

Annealed Hinge Nails . . . . . \$0.25 advance per 100 lbs.

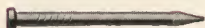
## FENCE NAILS

Flat Head—Diamond Point



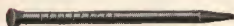
Size	Length Inches	Gauge No.	Dia. of Head Inches	Approx. No. to Pound	Advance Over Base Price
5d	1 $\frac{3}{4}$	10	$\frac{9}{32}$	142	\$0.60
6d	2	10	$\frac{9}{32}$	124	.55
7d	2 $\frac{1}{4}$	9	$\frac{5}{16}$	92	.45
8d	2 $\frac{1}{2}$	9	$\frac{5}{16}$	82	.45
9d	2 $\frac{3}{4}$	8	$\frac{11}{32}$	62	.40
10d	3	7	$\frac{3}{8}$	50	.40
12d	3 $\frac{1}{4}$	6	$\frac{13}{32}$	40	.35
16d	3 $\frac{1}{2}$	5	$\frac{7}{16}$	30	.30
20d	4	4	$\frac{15}{32}$	23	.25

## MACHINE BRADS



A brad designed especially for use in automatic machines for laying hardwood flooring. Uniform in size and head, it is 1 inch long and No. 15 gauge, with sharp diamond point. Prices upon application.

## PARQUET FLOOR NAILS

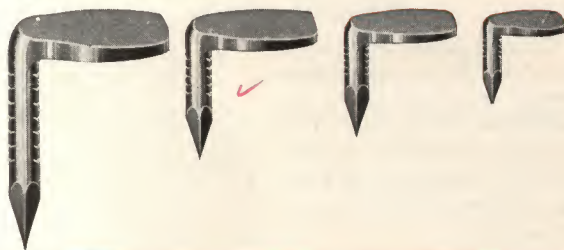


A flooring nail recommended for laying of the finest parquet floorings. It is made of stiff steel wire which prevents bending, is furnished with counter-sunk head and long sharp diamond point in  $1\frac{1}{8}$  and  $1\frac{1}{4}$  inch lengths of No. 15 and No. 16 gauge. Prices upon application.

## AND OTHER WIRE PRODUCTS

### HOOP FASTENERS

Bright, Blued or Galvanized

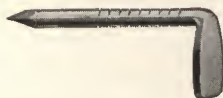


No.	Length Inches	Gauge No.	Approx. No. to Pound	Advance Over Base Price	
				Bright	Blued
3	$\frac{3}{8}$	13	832	\$2.85	\$3.20
2	$\frac{1}{2}$	10½	308	1.95	2.30
1	$\frac{9}{16}$	9	212	1.85	2.20
0	1	8	102	1.55	1.90

Packed 100 lbs. to the keg.

Subject to standard extras for galvanizing.

### HOOK HEAD METAL LATH NAILS



Size	Approx. Number per Pound		Advance Over Base Price		
	Bright or Blued	Galva- nized	Bright	Blued	Galva- nized
1½" x 12 ga.	278	213	\$2.95	\$3.30	\$4.95

## MISCELLANEOUS WIRE NAILS AND BRADS, ALSO STAPLES

The convenient paper boxes in which Bethlehem Miscellaneous Wire nails and brads, also staples, are packaged save the time of users and distributors alike. A glance at the package tells the complete story of its contents.



**ORANGE** packages contain flat head nails.

**GREEN** packages contain brads.

**TAN** packages contain staples.



Large figures on the ends of the packages indicate both size and style. Each of the smaller packages contained in the larger-sized cartons is similarly labeled.

Rather than employing labels that sometimes get on askew or peel off, we print the lettering on the package itself.

### Standard Wire Nails, Staples and Poultry Netting Staples

*Packed in Boxes at the Following  
Extras, per 100 Lbs.*

50-lb. wooden kegs.....	\$0.25
50-lb. wooden boxes or fibre cartons.....	.35
25-lb. wooden boxes or fibre cartons.....	.50
10-lb. or 15-lb. wooden boxes.....	1.25
5-lb. wooden boxes.....	2.75
10-lb. fibre cartons.....	.75
5-lb. paper boxes.....	1.00
1-lb. papers.....	1.75
1/2-lb. papers.....	2.25
1/4-lb. papers.....	3.50

**NOTE.**—On odd-weight packages, use same extras as for next smaller package. No discount from packing extras.



# AND OTHER WIRE PRODUCTS

## MISCELLANEOUS WIRE NAILS AND BRADS

Ordinary Flat Head, Diamond Point Nails and  
Diamond Point Brads

### LIST PRICES PER POUND (IN 100-LB. KEGS)

$\frac{1}{8}$ -Inch	$\frac{1}{4}$ -Inch	$\frac{3}{8}$ -Inch	$1\frac{1}{4}$ and $1\frac{3}{8}$ -Inch	$2\frac{1}{4}$ -Inch
No.	No. Cont'd	No.	No.	No.
20.....\$1.76	20.....\$0.81	8.....\$0.29	6 to 12.\$0.25	3 to 10.\$0.23
21.....1.96	21......96	9......29	13......26	11......24
22.....2.16	22.....1.21	10......29	14......27	12......24
23.....2.36	23.....1.61	11......29	15......28	13......24
24.....2.51	24.....1.86	12......30	16......30	14......25
		13......31	17......35	
$\frac{1}{4}$ -Inch	$\frac{3}{8}$ -Inch	1-Inch	$1\frac{1}{2}$ and $1\frac{3}{8}$ -Inch	$2\frac{1}{2}$ -Inch
19.....\$0.96	12.....\$0.39	14......31	4 to 13.\$0.25	3 to 10.\$0.22
20.....1.21	13......39	15......32	14......26	11......23
21.....1.51	14......39	16......35	15......27	12......23
22.....1.86	15......41	17......39	16......29	13......24
23.....2.11	16......46	18......41	17......34	
24.....2.31	17......48	19......52		
25.....2.51	18......54	20......63		
26.....3.06	19......61	7 to 12.\$0.26		
$\frac{3}{8}$ -Inch	$\frac{1}{2}$ -Inch	$1\frac{1}{4}$ -Inch	2-Inch	3-Inch
18.....\$0.76	22.....1.06	13......27	3 to 10.\$0.23	3 to 10.\$0.21
19......86	23.....1.41	14......28	11......24	11......22
20......96	24.....1.61	15......29	12......24	12......23
21.....1.21		16......32	13......24	
22.....1.51		17......36	14......25	
23.....1.91		18......39	15......26	
24.....2.11		19......49	16......28	
25.....2.36		20......60	17......34	
26.....2.76				
$\frac{1}{2}$ -Inch	$\frac{3}{4}$ -Inch	$1\frac{1}{2}$ -Inch	3-Inch	3-Inch
14.....\$0.51	10.....\$0.32	7 to 12.\$0.26	3 to 10.\$0.21	3 to 10.\$0.21
15......51	11......32	13......27	11......22	11......22
16......51	12......32	14......28	12......23	
17......56	13......34	15......28	13......24	
18......61	14......34	16......31	14......25	
19......71	15......38	17......36	15......26	
	16......39	18......39	16......31	
	17......42	19......49		
	18......48			
	19......56			
	20......66			
	21......81			

#### LIST OF EXTRAS, PER POUND— SUBJECT TO DISCOUNT

Annealing.....	3 cents
Barbing.....	3 cents
Bluing.....	3 cents
Cement Coating.....	4 cents
Special Heads or Headless..	3 cents
Needle Points or any	
Special Points.....	3 cents

#### PACKING EXTRAS PER POUND— SUBJECT TO DISCOUNT

50-lb. kegs.....	2 cents
50-lb. wood or fibre boxes.	2 cents
25-lb. wood or fibre boxes.	3 cents
10-lb. and 15-lb. wood boxes	8 cents
5-lb. wood boxes.....	18 cents
10-lb. fibre packages.....	5 cents
5-lb. papers.....	6 cents
1-lb. papers.....	12 cents
$\frac{1}{2}$ -lb. papers.....	15 cents
$\frac{1}{4}$ -lb. papers.....	24 cents

#### SPECIAL LENGTHS, SPECIAL GAUGES AND FINISHES

For lengths not listed, use list price for same gauge in nearest shorter length.

For nails, finer than full gauge, apply list price of same length in next finer gauge. For example, for No. 18 $\frac{1}{2}$  gauge, use No. 19, etc.

Nails heavier than listed, at special net prices, according to quantity. Galvanizing nails at special prices.

*Subject to change without notice.*



## CEMENT COATED WIRE NAILS

The cement coating of Bethlehem Cement Coated Wire Nails increases adhesion fully one hundred per cent. These nails have great strength and increased holding power.

Bethlehem Cement Coated Wire Nails are particularly adapted for use in the manufacture of cases, crates, and boxes, or packages subjected to rough handling or for other purposes where maximum holding power is essential.

Special care is given to drawing wire of the proper temper to exact size in order to insure the best possible driving quality in the finished nail. Cement coated nails have accurately formed heads and points.

Bethlehem Cement Coated Wire Nails are packed carefully in kegs weighing 100 pounds net. These kegs are identified by a "white hoop" around the head which indicates cement coated nails of superior quality.

When Cement Coated Nails, other than shown in catalog, are desired, the length and gauge, size and type of head and point *must be shown* on order.

## CEMENT COATED

### COMMON NAILS

Flat Head—Diamond Point



Common and Countersunk Nails differ only in the style of head. The common nail head is flat and larger in diameter than heads on countersunk nails. It is especially adapted for machine driving but will be found quite satisfactory for hand driving in softer woods.

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance over Base Price
2d	1	16	1084	\$2.40
3d	1 $\frac{1}{8}$	15 $\frac{1}{2}$	848	1.90
4d	1 $\frac{3}{8}$	14	488	1.55
5d	1 $\frac{5}{8}$	13 $\frac{1}{2}$	364	1.35
6d	1 $\frac{7}{8}$	13	275	1.15
7d	2 $\frac{1}{8}$	12 $\frac{1}{2}$	212	.90
8d	2 $\frac{3}{8}$	11 $\frac{1}{2}$	142	.75
9d	2 $\frac{5}{8}$	11 $\frac{1}{2}$	130	.75
10d	2 $\frac{7}{8}$	11	104	.65

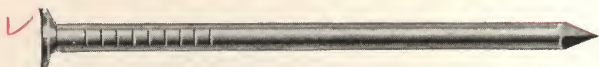
All sizes 12d to 60d, inclusive, are supplied with countersunk heads only.

Add; spec Hazards letter 11/3/32 to W.D. Gypner & Co.

## CEMENT COATED

### COUNTERSUNK NAILS

Flat Countersunk Head—Diamond Point



Countersunk Nails are preferable for hand driving in hard woods, as the heads are very strong and will not break off in driving or pulling. They are also well adapted for automatic nailing machines.

Size	Length Inches	Gauge No.	Approx. No to Lb.	Advance Over Base Price
2d	1	16	1084	\$2.40
3d	1 $\frac{1}{8}$	15 $\frac{1}{2}$	848	1.90
4d	1 $\frac{3}{8}$	14	488	1.55
5d	1 $\frac{5}{8}$	13 $\frac{1}{2}$	364	1.35
6d	1 $\frac{7}{8}$	13	275	1.15
7d	2 $\frac{1}{8}$	12 $\frac{1}{2}$	212	.90
8d	2 $\frac{3}{8}$	11 $\frac{1}{2}$	142	.75
9d	2 $\frac{5}{8}$	11 $\frac{1}{2}$	130	.75
10d	2 $\frac{7}{8}$	11	104	.65
12d	3 $\frac{1}{8}$	10	77	.55
16d	3 $\frac{1}{4}$	9	61	.45
20d	3 $\frac{3}{4}$	7	37	.35
30d	4 $\frac{1}{4}$	6	29	.35
40d	4 $\frac{3}{4}$	5	21	.35
50d	5 $\frac{1}{4}$	4	16	.35
60d	5 $\frac{3}{4}$	3	13	.35

## AND OTHER WIRE PRODUCTS

### CEMENT COATED

#### BOX NAILS

Large Flat Head—Diamond Point



If the conditions do not demand the heavier Common or Countersunk, these Box Nails prove an economical substitute.

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
2d	1	16½	1300	\$2.55
3d	1⅛	16	950	2.05
4d	1⅜	15½	710	1.90
5d	1⅝	15	536	1.70
6d	1⅞	13½	306	1.30
7d	2⅛	13½	268	1.20
8d	2⅜	12½	186	1.00
9d	2⅝	12½	167	1.00
10d	2⅞	11½	118	.90

#### APPLE BOX NAILS

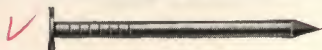
Large Flat Head—Diamond Point



Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
5d	1⅝	14	418	\$1.50
5½d	1¾	14	388	1.40

## CEMENT COATED FRUIT BOX NAILS

**Large Flat Head—Diamond Point**



The Western Fruit Growers' choice for making Orange and Fruit Boxes.

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
4d	1 $\frac{3}{8}$	15	623	\$1.95

## ✓ ORANGE BOX NAILS

**Large Flat Head—Diamond Point**



The Southern Fruit Growers' choice for Pineapple Cases, Orange Boxes, etc.

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
4d	1 $\frac{1}{4}$	15	679	\$2.00

## VENEER BOX NAILS

**Large Flat Head—Needle Point**



For Hoopless Orange Boxes.

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
4d	1 $\frac{1}{2}$	14	435	\$1.95

## AND OTHER WIRE PRODUCTS

### CEMENT COATED

#### EGG CASE NAILS

Large Flat Head



These are highly recommended for egg cases where their use has given perfect satisfaction.

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
2d	1	16	1050	\$2.65
3d	1 $\frac{1}{8}$	15	738	2.15
4d	1 $\frac{1}{2}$	14	435	1.80

#### RAILROAD NAILS

Deep Countersunk Head—Diamond Point



Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
2d	1	16	1084	\$2.40
3d	1 $\frac{1}{4}$	15	678	1.80
4d	1 $\frac{1}{2}$	13 $\frac{1}{2}$	392	1.50
5d	1 $\frac{5}{8}$	13 $\frac{1}{2}$	364	1.35
6d	1 $\frac{7}{8}$	12 $\frac{1}{2}$	232	1.05
7d	2 $\frac{1}{8}$	12 $\frac{1}{2}$	212	.90
8d	2 $\frac{3}{8}$	11	129	.70
9d	2 $\frac{5}{8}$	11	114	.70
10d	2 $\frac{7}{8}$	10	84	.60
12d	3 $\frac{1}{8}$	10	77	.55
16d	3 $\frac{3}{8}$	9	59	.45
20d	3 $\frac{7}{8}$	7	36	.35
30d	4 $\frac{3}{8}$	6	27	.35
40d	4 $\frac{7}{8}$	5	21	.35
50d	5 $\frac{3}{8}$	4	16	.35
60d	5 $\frac{7}{8}$	3	12	.35

# CEMENT COATED BARBED CAR NAILS

Oval or Flat Countersunk Head—Diamond Point



(Heavy)

Size	Length Inches	Gauge No.	Approx. No. to Lb.	Advance Over Base Price
4d	1½	12	274	\$1.20
5d	1¾	10	138	1.00
6d	2	10	117	.95
7d	2¼	9	85	.85
8d	2½	9	78	.75
9d	2¾	8	62	.75
10d	3	8	55	.70
12d	3¼	7	44	.65
16d	3½	7	38	.60
20d	4	6	29	.50
30d	4½	6	26	.50
40d	5	5	20	.50
50d	5½	4	15	.50
60d	6	4	14	.50

(Light)

4d	1½	13	335	\$1.35
5d	1¾	11	176	1.05
6d	2	11	149	1.00
7d	2¼	10	103	.85
8d	2½	10	96	.75
9d	2¾	9	74	.75
10d	3	9	65	.70
12d	3¼	8	51	.70
16d	3½	8	48	.65
20d	4	7	36	.50
30d	4½	7	31	.50
40d	5	6	24	.50
50d	5½	5	17	.50
60d	6	5	16	.50

# AND OTHER WIRE PRODUCTS

## APPROXIMATE NUMBER OF BRIGHT WIRE NAILS PER POUND.

Bethlehem or W. & M. Wire Gauge	LENGTH, INCHES															
	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$
$\frac{3}{8}$	.....	.....	.....	.....	.....	29	26	23	20	17	15	12	11	11	8.9	7.9
1	.....	.....	.....	.....	.....	43	38	34	29	25	22	20	18	16	15	13
2	.....	.....	.....	.....	.....	47	44	40	34	29	26	23	21	20	18	16
3	.....	.....	.....	.....	.....	60	54	48	41	35	31	28	25	23	21	18
4	.....	.....	.....	.....	.....	67	60	55	47	41	36	32	29	27	25	21
5	.....	.....	.....	.....	.....	81	74	66	55	48	41	37	34	31	29	25
6	.....	.....	.....	.....	.....	90	81	74	61	52	45	41	38	35	32	28
7	.....	.....	.....	.....	.....	113	101	91	76	65	58	52	47	43	39	34
8	.....	.....	.....	.....	.....	132	120	110	92	78	70	61	55	51	47	40
9	.....	.....	.....	.....	.....	153	139	126	106	93	82	74	66	61	56	48
10	.....	.....	.....	.....	.....	185	170	152	128	112	99	87	79	71	67	58
11	.....	.....	.....	.....	.....	216	196	165	142	124	111	100	91	84	71	62
12	.....	.....	.....	.....	.....	254	233	200	171	149	136	122	111	103	87	77
13	.....	.....	.....	.....	.....	327	327	268	229	204	182	161	149	137	118	103
14	.....	.....	.....	.....	.....	508	458	412	348	297	260	232	209	190	175	153
15	.....	.....	.....	.....	.....	667	586	536	459	398	350	312	278	256	233	201
16	.....	.....	.....	.....	.....	787	694	578	501	437	390	351	317	290	246	220
17	.....	.....	.....	.....	.....	1099	973	872	739	635	553	496	452	410	370	318
18	.....	.....	.....	.....	.....	1409	1253	1139	956	831	746	666	590	532	486	418
19	.....	.....	.....	.....	.....	1976	1760	1590	1338	1150	996	890	820	740	680	585
20	.....	.....	.....	.....	.....	2284	2096	1772	1590	1390	1205	1060	970	895	800	.....
	.....	.....	.....	.....	.....	2893	2412	2070	1810	1620	1450	1315	1215	1035	.....	.....

Users of this table should bear in mind that the figures represent average numbers only, and that the exact numbers will depend on the type of nail. Large or thick-headed nails will run less, while brads and nails without heads will run more to the pound.

## BETHLEHEM STAPLES

## FENCE STAPLES

Annealed, Polished or Galvanized

Length	Approx. No. to Lb. No. 9	Length	Approx. No. to Lb. No. 9
$\frac{3}{4}$	152	$1\frac{1}{2}$	72
$\frac{7}{8}$	120	$1\frac{3}{4}$	65
1	108	2	58
$1\frac{1}{8}$	96	$2\frac{1}{4}$	47
$1\frac{1}{4}$	87	$2\frac{1}{2}$	40

Bethlehem Steel Company's  
Steel Wire GaugeAdvance per  
100 lbs.

No. 8 gauge wire or larger	25¢
No. 9 gauge wire	base price
No. 10 gauge wire	20¢
No. 11 gauge wire	30¢
No. 12 gauge wire	45¢
No. 13 gauge wire	65¢

Annealed staples same price as polished.

Barbed staples, all lengths and gauges, 25¢ advance per 100 lbs.

Oiling . . . . . 15¢ advance per 100 lbs.

## FENCE-POST STAPLES



Polished or Galvanized

These staples are used in holes, punched for the purpose, in steel fence posts, and are clinched on the opposite side.

They are made of No. 10 gauge wire and are  $1\frac{1}{2}$  inches in length, with a  $\frac{3}{16}$ -inch spread.

The price of these staples is the same price as Fence Staples of the same gauge.

Approximate No. to lb. . . . . 90

## AND OTHER WIRE PRODUCTS

### METAL LATH STAPLES

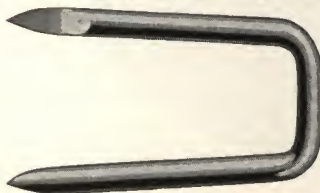
Furnished in standard sizes, 1", 1 $\frac{1}{8}$ ", 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ " and made of No. 14 gauge wire. They are furnished blued, polished or galvanized. Since it is customary for lathers to hold lath staples in the mouth, blued staples in paper-lined kegs are usually wanted and will be shipped unless otherwise specified.



Length Inches	Gauge No.	Approx. No. to Pound	Advance Per 100 Lbs. Over No. 9 Polished Fence Staples		
			Polished	Blued	Galvanized
1	14	352	\$1.65	\$2.00	\$2.25
1 $\frac{1}{8}$	14	310	1.65	2.00	2.25
1 $\frac{1}{4}$	14	280	1.65	2.00	2.25
1 $\frac{1}{2}$	14	235	1.65	2.00	2.25

No. 15 Gauge: Furnished at 15 cents advance per 100 pounds over No. 14 Gauge for Polished or Blued, and 50 cents advance per 100 pounds for Galvanized.

### RIBBON WIRE STAPLES



For stapling flat twisted ribbon wire. Cut from No. 9 wire in 1 $\frac{1}{2}$ -in., 1 $\frac{3}{4}$ -in., and 2-in. lengths. Same price as fence staples.

### GALVANIZED HOOP STAPLES

For applying Wire Hoops

Length Inches	Gauge No.	Approx. No. to Lb.
$\frac{5}{8}$	14	568
$\frac{1}{2}$	14	610



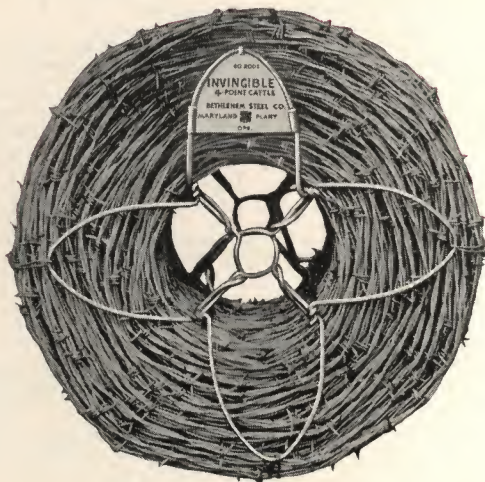
### POULTRY NETTING STAPLES

Length Inches	Gauge No.	Approx. No. to Lb.
$\frac{3}{4}$	14	480
$\frac{7}{8}$	14	416
1	14	352



**Galvanized**

## BETHLEHEM BARBED WIRE



We are equipped to furnish all standard styles of barbed wire under our own brands, either galvanized or painted, on 100-lb. or 80-rod spools. The greatest care is used to see that the strands are uniformly twisted, barbs sharp, tightly wrapped and equal distances apart.

The reels are made of heavily galvanized steel wire and are especially designed for strength with double wire bracing in the center.

## AND OTHER WIRE PRODUCTS

### BETHLEHEM BARBED WIRE

#### BETHCO TWO POINT



**Round barbs**

**TWO POINT**      { Regular or Cattle, Barbs 5" apart.  
                         { Thickset or Hog, Barbs 3" apart.

*Note*—Above style furnished galvanized or painted, and to following specifications:

100-lb. reels      { Strands—No. 12 Ga. Wire.  
                         { Barbs—No. 14 Ga. Wire.

80-rod spools      { Strands—No. 12½ Ga. Wire.  
                         { Barbs—No. 14 Ga. Wire.

#### BETHCO SPECIAL TWO POINT



**Round barbs**

**TWO POINT**      { Regular or Cattle, Barbs 5" apart.  
                         { Thickset or Hog, Barbs 3" apart.

*Note*—Above style furnished galvanized or painted, and to following specifications:

100 lb. reels      { Strands—No. 12½ Ga. Wire.  
                         { Barbs—No. 14 Ga. Wire.

80-rod spools      { Strands—No. 12½ Ga. Wire.  
                         { Barbs—No. 14 Ga. Wire.

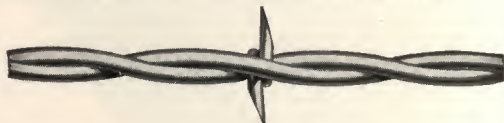
Bethco Special made only on order.

**BETHLEHEM BARBED WIRE****INVINCIBLE BRAND****Four-point round barbs**

**FOUR POINT** { Regular or Cattle, Barbs 6" apart.  
                   { Thickset or Hog, Barbs 4" apart.

*Note*—Above style furnished galvanized or painted, and to following specifications:

100-lb. reels	{ Strands—No. 12 Ga. Wire.
	{ Barbs—No. 13 Ga. Wire.
80-rod spools	{ Strands—No. 12½ Ga. Wire.
	{ Barbs—No. 14 Ga. Wire.

**CONEMAUGH TWO AND FOUR POINT****Half-round barbs, short and sharp**

**TWO POINT** { Regular or Cattle, Barbs 5" apart.  
                   { Thickset or Hog, Barbs 3" apart.

**FOUR POINT** { Regular or Cattle, Barbs 6" apart.  
                   { Thickset or Hog, Barbs 3" apart.

*Note*—Above styles furnished galvanized or painted, and to following specifications:

100-lb. reels	{ Strands—No. 12½ Ga. Wire
	{ Barbs—No. 14 Ga. Wire.
80-rod spools	{ Strands—No. 12½ Ga. Wire.
	{ Barbs—No. 14 Ga. Wire.

Reels  
Painted  
Red

## AND OTHER WIRE PRODUCTS

### BETHLEHEM BARBED WIRE

#### CAMBRIA SPECIAL



#### Two-point round barbs

TWO POINT { Regular or Cattle, Barbs 5" apart.  
                  { Thickset or Hog, Barbs 3" apart.

*Note*—Above style furnished galvanized only, and to following specifications:

80-rod spools, only { Strands—No. 14 Ga. Wire.  
                              { Barbs—No. 15 Ga. Wire.

#### CAMBRIA PERFECT



#### Two-point flat barbs

TWO POINT { Regular or Cattle, Barbs 5" apart.  
                  { Thickset or Hog, Barbs 3" apart.

*Note*—The above style furnished in two point only, galvanized or painted, and to following specifications:

100-lb. reels { Strands—No. 12½ Ga. Wire.  
                  { Barbs—No. 13 Ga. Wire.

80-rod spools { Strands—No. 12½ Ga. Wire.  
                  { Barbs—No. 13 Ga. Wire.

## BETHLEHEM TWO-PLY TWISTED, BARBLESS, CABLE WIRE

Galvanized, Painted or Annealed



Bethlehem Two-Ply Twisted Cable Wire is made in gauges No. 8 to 14 inclusive.

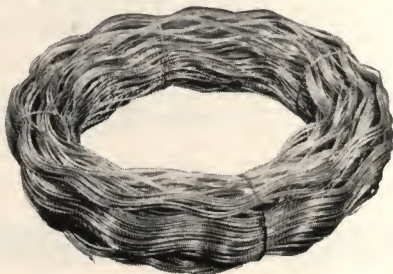
Regularly furnished on 100-lb. reels or 80-rod spools on wire reels in number 12½ gauge.

Nos. 11, 12 and 12½ gauge, galvanized—same price per 100 lbs. as Bethco Barbed Wire.

Nos. 8, 9 and 10 gauge—\$0.15 advance per 100 lbs.

Nos. 13 and 14 gauge—\$0.30 advance per 100 lbs.

## GALVANIZED COILED SPRING STEEL FENCE WIRE



(Catch  
weight  
coils  
only.)

Galvanized Coiled Spring Steel Fence Wire, made of selected hard wire, is adapted to hold tension and avoid slack or loose wires in fence construction.

Bethlehem or W. and M. Gauge	Feet Per Pound	Advance Per 100 Lbs. Over Same Size of Galvanized Smooth Wire
6	9.67	\$0.10
7	11.0	.10
8	13.33	.10
9	16.7	.10
10	20.0	.10
11	24.61	.20
12	32.0	.20

## AND OTHER WIRE PRODUCTS

### WIRE EXTRAS

#### ANNEALED OR SOFT GALVANIZED FENCE QUALITY WIRE IN MERCHANT TRADE PACKAGES

Gauge Sizes	Advance over Base Per 100 Pounds		
	Annealed Wire	Regular Galvanized Wire	Special Galvanized Wire
No. 0 to No. 2, inclusive	\$0.20	....	....
No. 3	0.10	....	....
No. 4 to No. 5, inclusive	0.10	\$0.35	\$0.60
No. 6 to No. 9, inclusive	Base	Base	0.25
No. 10	\$0.05	\$0.05	0.35
No. 11	0.10	0.10	0.40
No. 12 and No. 12½	0.15	0.20	0.55
No. 13	0.25	0.35	0.80
No. 14	0.35	0.55	1.05
No. 15	0.60	0.85	1.55
No. 16	0.80	1.05	2.10
No. 17	1.10	1.40	2.55
No. 18	1.60	1.90	3.40

**EVEN WEIGHT BUNDLES**, except 100-pound bundles, which are considered standard, 5 cents per bundle extra.

**GALVANIZED BRACE WIRE**, furnished in No. 8 and No. 9 gauges, in 5-pound coils, packed 20 coils to the bundle of 100 pounds. Sold in even 100-pound quantities or multiples, at \$1.00 per 100 pounds Advance over price of No. 8 Galvanized Plain Wire.

**SILVER STAR BALE TIES**

Reg. U. S. Pat. Off.

**Silver Strand Spiral Wrapped**Write for  
Prices.

Silver Star Bale Ties are shipped in spirally wrapped bundles. The spiral wrap, which Bethlehem originated, insures that ties are never damaged from being caught by the ends of the band wires of other bundles. Every Silver Star Tie reaches the buyer in perfect condition.

Silver Star Ties are made from a special grade of annealed steel. They are so pliable and soft that they're easily applied,—yet so strong that they hold even the most tightly compressed bale.

A clean, smooth finish of special hard oil makes Silver Star Ties easy to handle and retards rusting. They will be supplied with a dry uncoiled finish, if so ordered. The spiral wrapping is of galvanized wire.

These ties are made with either long oval, regular oval loop or adjustable hook types. Orders should specify which type is desired.

Look for the Silver Star if you want highly satisfactory bale ties. Not only are Silver Star Bale Ties more satisfactory from the standpoint of the men who must handle them, but they have the added advantage that the spiral wrap comes off in one long piece, leaving no short pieces that may get into the hay and be eaten by the animals.

If you are not already a user of Silver Star Bale Ties, we suggest that you try them.

Silver Star Bale Ties are furnished in all sizes from No. 12 to No. 16½ gauge, incl., and in lengths of from 5 feet to 15 feet, incl.

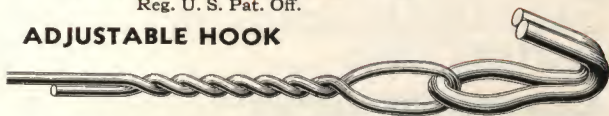
**SINGLE LOOP****Long Oval Loop****Regular Oval Loop**

## AND OTHER WIRE PRODUCTS

### SILVER STAR BALE TIES

Reg. U. S. Pat. Off.

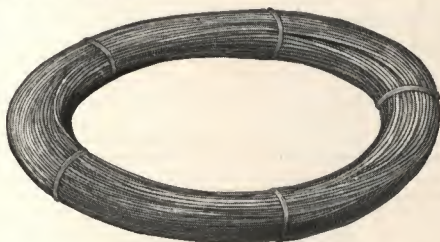
#### ADJUSTABLE HOOK



The Adjustable Hook Bale Tie is used in the baling of rags, paper, wool and similar commodities. High carbon steel is used in these ties, giving them great tensile strength.

These ties are made in all sizes from No. 12 to No. 16 gauge, inclusive, and in lengths of from 5 feet to 15 feet, inclusive. Write for Prices.

### DRAWN WIRE



Bethlehem wire is drawn from carefully prepared stock. It is uniform in size and quality and for these reasons it is frequently specified to fill requirements where accurate gauge and uniformity are essential factors.

Bethlehem wire is furnished in all gauges from No. 20 gauge to  $\frac{7}{8}$ -inch diameter, inclusive, bright or annealed, to the various chemical compositions and finishes or galvanized in sizes No. 4 to No. 20 gauge, inclusive.

Bethanized wire, in a range of sizes from No. 16 to No. 6 gauge inclusive, is also furnished.

A metal tag with the words "Starting End" is placed on all coils of wire manufactured by Bethlehem Steel Company.

This tag indicates the point where one should start to remove the wire from the coil. This will assure unwinding of the wire without tangling or twisting.



# BETHANIZED AND SPECIAL GALVANIZED SOLID WIRE CLOTHES LINES



These clothes lines are packed in barrels or one dozen in fibre cartons. The 100-ft. lines can be put up in two coils of 50 ft. each connected, if desired, as shown above.

List Prices Per Dozen Coils

Length	No. 8 Gauge	No. 9 Gauge	No. 10 Gauge
100 feet.....	\$5.19	\$4.49	\$3.90
75 feet.....	4.20	3.63	3.13
50 feet.....	3.12	2.69	2.32

These list prices apply to Bethanized Coating "A" weight and type No. 3 Hot Galvanized.

The following net extras per dozen coils for heavier coatings of Bethanized Wire apply when heavier coatings are specified.

Net Extras Per Dozen Coils for Extra Heavy Bethanized Coatings

Length	Coating "B"			Coating "C"		
	No. 8	No. 9	No. 10	No. 8	No. 9	No. 10
100 feet.....	\$0.84	\$0.70	\$0.58	\$1.68	\$1.40	\$1.16
75 feet.....	.63	.52	.43	1.26	1.04	.86
50 feet.....	.42	.35	.29	.84	.70	.58

Note: No discount from these Extras.

Estimated Weight Per Dozen Coils  
and Number of Dozens to the Barrel

Gauge	Length in Feet	Dozens Per Barrel	Weight in Pounds		
			Dozen	Dozen Packed in Barrels	Dozen Packed in Cartons
No. 8	100	3	84	90 $\frac{3}{8}$	87 $\frac{5}{8}$
	75	4	63	68	66 $\frac{1}{4}$
	50	5 $\frac{1}{2}$	42	45 $\frac{1}{2}$	44 $\frac{7}{8}$
No. 9	100	4	70	75	73 $\frac{1}{2}$
	75	4 $\frac{1}{2}$	52	56 $\frac{1}{2}$	55
	50	7	35	38	37 $\frac{5}{8}$
No. 10	100	5	58	62	61 $\frac{1}{2}$
	75	5 $\frac{1}{2}$	43	46 $\frac{1}{2}$	45 $\frac{5}{8}$
	50	9	29	31 $\frac{1}{4}$	31 $\frac{5}{8}$

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# AND OTHER WIRE PRODUCTS

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## WIRE

### SPECIAL ATTENTION

We are prepared to furnish wire in various finishes such as—

#### **Bright—Annealed—Galvanized—Bethanized**

Particular care is given to wire for the manufacturing trade. Our special equipment for this branch of our wire business enables us to manufacture in either Bessemer, Basic Open Hearth or Acid Open Hearth grades of steel—

Annealed Wire

Annealed, Cleaned and Lime

Coated Wire or Annealed,

Cleaned and Oiled Wire

✓ Apex Spring Wire

Armor Wire

Bethanized Wire

Bethlehem Spring Wire

Bolt Wire

Border Wire

Box Binding Wire

Brace Wire

Bright Soft or Processed  
Wire

Bright Wool Wire

Bright Wire

Chain Wire

Check Rower Wire

Copper Bearing and other  
Special Wires

Cross Chain Link Wire

Galvanized High Tensile  
Tying Wire

Galvanized (Single and  
Double) Wire

High Carbon Patented Wire

Lime Bright Annealed Wire

Link Wire

Market Wire

Nail Wire

Normalized High Carbon  
Heading Wire

Piano Tuning Pin Wire

Rivet Wire

Rock Fastener Wire

Rope Wire

Screw Wire

Split Rivet Wire

Spoke Wire

Stapling Wire

Stone Wire

Bethanized Telephone Wire

Tobacco Wire

Tubular Rivet Wire

Welding Wire

Wire Hoops

Inquiries solicited for these classes of wire.

All wire can be furnished in coils or straightened and cut.

## STONE WIRE

Stone wire is an ordinary grade of steel wire suitable for all common usage; viz., stove pipe wire, haystack wire, for tying purposes, and for general home and farm utility purposes. As put up it usually has several pieces in a coil.

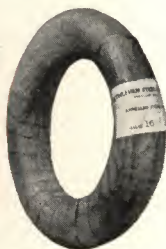
Put up in 8-inch inside diameter coils of 12 pounds each, paper wrapped.

### Wrapped in Colors for Easy Identification

Annealed wire is wrapped in tan colored paper, and galvanized wire in blue paper. This method of wrapping is very useful in identifying the kind of wire.

Packed 42 stones per barrel.

Gauge	Advance per 100 Lbs.	
	Annealed	Galvanized
16	Base	Base
17	\$0.50	\$0.50
18	0.80	0.80
19	0.90	1.10
20	1.00	1.20
21	1.10	1.45
22	1.30	1.65



## STRAIGHTENED AND CUT WIRE



Straightened and cut wire is furnished in all sizes from No. 14 gauge to  $\frac{1}{2}$ ", in lengths from 14 inches to 40 feet, inclusive. Particular care is used to insure that wire is commercially straight, clean, and accurate in length.

## AND OTHER WIRE PRODUCTS

### BETHANIZED WIRE

Bethanized wire marks the first decisive advance in zinc-coated wire in many years. To men who are familiar with the limitations of zinc coatings applied to wire by ordinary galvanizing processes, the advantages of bethanized wire will seem almost unbelievable.

Compared with galvanized coatings heretofore available, the bethanized coating is

*More Ductile      Tighter*

*Tougher      Purer*

*More Uniform*

Further, bethanizing makes possible not only coatings of standard weight, but also coatings twice or even three times as heavy as the maximum that can be applied by older processes.

The remarkable ductility of the coating ranks foremost, perhaps, among the advantages of bethanized wire.

This high ductility, together with the tightness of the coating, enables bethanized wire to stand being wrapped around its own diameter or even being bent back flat on itself without cracking or flaking of the coat.

The bethanized coating is of the purest zinc ever produced commercially, and is exceptionally uniform in thickness. It offers high resistance to corrosion. Three weights of coating are regularly produced. For convenience in identification, coils of bethanized wire have colored tags affixed, as follows:

Orange and blue tag . . . . .	Coating A Weight
Red and silver tag . . . . .	Coating B Weight
Brown and tan tag . . . . .	Coating C Weight
Black and green tag . . . . .	Special Weight Coating
	as stamped on tag.

For simplification in ordering bethanized wire the standard weights of coating are given on the following page.



## BETHANIZED TELEPHONE and TELEGRAPH WIRE

The bethanizing process is especially advantageous for coating telephone and telegraph wire, as bethanized wire splices without surface cracks.



As mentioned on the preceding page, bethanized wire is classified with respect to weight of coating as "A", "B" and "C." The "A" coating meets all present standard specifications for galvanized telephone and telegraph wire, such as A. T. and T. and Western Union.

### WEIGHT OF COATING PER SQ. FT. OF SURFACE

B. W. Gauge	Coating "A"	Coating "B"	Coating "C"
<i>4 to</i> No. 6	.90 oz. min.	1.80 oz. min.	2.70 oz. min.
No. 7 to No. 12	.80 " "	1.60 " "	2.40 " "
No. 13 and No. 14	.70 " "	1.40 " "	2.10 " "
<i>No. 14</i>	<i>.65</i>	<i>1.35</i>	<i>1.95</i>

### RESISTIVITY—LBS. PER MILE-OHM AT 68 DEG. F.

Coating	Grade "E.B.B." (Non-Copper-Bearing)		Grade "B.B." (Copper-Bearing)		Grade "Steel" (Copper-Bearing)	
	<i>N/A</i> Avg.	Max.	<i>N/A</i> Avg.	Max.	<i>N/A</i> Avg.	Max.
"A"	<i>4600</i> 4800	5000	<i>5400</i> 5600	5800	<i>6200</i> 6500	6800
"B"	<i>4600</i> 4750	4900	<i>5300</i> 5500	5700	<i>6150</i> 6350	6550
"C"	<i>4500</i> 4650	4800	<i>5200</i> 5400	5600	<i>6000</i> 6200	6400

The values given as average in the above table shall not be exceeded by the average of all results determined for the lot of wire. Individual samples may have resistivities not exceeding the values given as maximum. Values given on coating "A" are in accordance with requirements of the American Society for Testing Materials.

~~The resistivity is slightly less in the lighter gauges of "B" and "C" coatings as can be seen from the data in the table on the following page.~~

~~The "B.B." and "Steel" grades can be furnished of non-copper bearing steel with slightly lower resistivity characteristics than~~

See page 100 in folder 414A  
Telephone & Telegram

## AND OTHER WIRE PRODUCTS

### AVERAGE RESISTANCES AND LIST PRICES (CENTS PER POUND)

Put up  
in  
coils  
or  
at

Break-  
ing  
Strength  
Lbs.

1/4 mile  
1/2 "  
1/2 "  
1/4 "  
1/2 "  
1/2 "  
1/2 "  
1/2 "

Size B.W.G.	List Prices (Cents per Pound)			Average Resistance per Mile (Ohms)			Diam. In.	Approx. Weight in Pounds	
	A Coat- ing	B Coat- ing	C Coat- ing	A Coat- ing	B Coat- ing	C Coat- ing		Per 1000 Ft.	Per Mile
<b>"E. B. B. WIRE"</b> <i>Non Copper Bearing</i>									
4	7 1/4	8 1/2	9 3/4	5.92	5.86	5.73	.238	153	84
6	7 1/4	8 1/2	9 3/4	8.22	8.27	7.87	.203	112	590
8	7 1/4	8 1/2	9 3/4	12.44	12.68	11.75	.165	74	390
9	7 1/4	8 1/2	9 3/4	15.44	15.60	14.45	.148	60	314
10	7 3/8	8 5/8	9 7/8	18.86	18.61	17.50	.134	49	258
11	7 3/8	8 5/8	9 7/8	23.54	22.50	21.70	.120	39	206
12	7 3/8	8 5/8	10 3/8	28.54	26.95	26.00	.109	32	170
14	8 1/4	9 3/8	11 1/8	48.99	46.26	43.80	.083	19	99
<b>"B. B. WIRE"</b> <i>Copper Bearing</i>									
4	6 5/8	7 7/8	8 1/2	6.91	6.78	6.66	.238	153	811
6	6 5/8	7 7/8	8 1/2	9.88	9.44	9.14	.203	112	590
8	6 5/8	7 7/8	8 1/2	14.87	14.14	13.65	.165	74	390
9	6 5/8	7 7/8	8 1/2	18.47	17.42	16.80	.148	60	314
10	6 3/8	8 1/8	9 3/8	22.48	21.10	20.25	.134	49	258
11	6 3/8	8 1/8	9 3/8	28.16	26.12	24.95	.120	39	206
12	7	8 1/4	9 3/4	34.12	31.40	29.90	.109	32	170
14	7 5/8	9 1/4	11 1/4	58.59	53.65	50.45	.083	19	99
<b>"STEEL WIRE"</b> <i>Copper Bearing</i>									
4	6 1/2	7 7/8	8 5/8	8.02	7.83	7.65	.238	153	811
6	6 1/8	7 3/8	8 5/8	11.44	10.98	10.54	.203	112	590
8	6 1/8	7 3/8	8 5/8	17.31	16.37	15.70	.165	74	390
9	6 1/8	7 3/8	8 5/8	21.50	20.18	19.25	.148	60	314
10	6 3/8	7 5/8	8 7/8	26.16	24.46	23.15	.134	49	258
11	6 3/8	7 5/8	8 7/8	32.77	30.00	28.40	.120	39	206
12	6 5/8	7 7/8	9 3/8	39.71	36.00	33.90	.109	32	170
14	7 1/4	8 7/8	10 3/8	68.18	61.60	57.30	.083	19	99

Gauges Nos. 8 to 14, inclusive, supplied in one-half mile coils except No. 9 which is also furnished in one-quarter mile coils. Gauge No. 6 is supplied in one-third mile coils.

## SIZES OF WIRE

7-0				20
				19
				18
				17
				16 $\frac{1}{2}$
6-0				16
				15 $\frac{1}{2}$
				15
				14 $\frac{1}{2}$
5-0				14
				13 $\frac{1}{2}$
				13
4-0				12 $\frac{1}{2}$
				12
				11 $\frac{1}{2}$
3-0				11
				10 $\frac{1}{2}$
2-0				10
				9 $\frac{1}{2}$
1-0				9
1				8
				7
2				6
				5
3				4
4				3

# AND OTHER WIRE PRODUCTS

## SIZES OF WIRE

Bethlehem or W. & M. Wire Gauge		Sizes of Wire		Pounds per Foot	Pounds per Mile	Feet per Pound
		Decimal Inches	Milli- meters			
7-0	$\frac{1}{2}$ "	.5000	12.70	.6668	3521.	1.500
		.4900	12.45	.6404	3381.	1.562
6-0	$\frac{11}{16}$ "	.46875	11.91	.5861	3094.	1.706
		.4615	11.72	.5681	2999.	1.76
5-0	$\frac{7}{8}$ "	.4375	11.11	.5105	2696.	1.959
		.4305	10.93	.4943	2610.	2.023
4-0	$\frac{13}{16}$ "	.40625	10.32	.4402	2324.	2.272
		.3938	10.00	.4136	2184.	2.418
3-0	$\frac{3}{8}$ "	.3750	9.525	.3751	1980.	2.666
		.3625	9.2075	.3505	1851.	2.853
2-0	$\frac{1}{2}$ "	.34375	8.731	.3152	1664.	3.173
		.3310	8.407	.2922	1543.	3.422
1-0	$\frac{5}{8}$ "	.3125	7.938	.2605	1375.	3.839
		.3065	7.785	.2506	1323.	3.991
1	$\frac{11}{16}$ "	.2830	7.188	.2136	1128.	4.681
		.28125	7.144	.2110	1114.	4.74
2	$\frac{1}{4}$ "	.2625	6.668	.1838	970.4	5.441
		.2500	6.350	.1667	880.2	5.999
3		.2437	6.190	.1584	836.4	6.313
		.2253	5.723	.1354	714.8	7.386
5	$\frac{7}{16}$ "	.21875	5.556	.1276	673.9	7.835
		.2070	5.258	.1143	603.4	8.750
6	$\frac{1}{8}$ "	.1920	4.877	.09832	519.2	10.17
		.1875	4.763	.09377	495.1	10.66
7		.1770	4.496	.08356	441.2	11.97
		.1620	4.115	.07000	369.6	14.29
8	$\frac{5}{16}$ "	.15625	3.969	.06512	343.8	15.36
		.1483	3.767	.05866	309.7	17.05
10	$\frac{1}{8}$ "	.1350	3.429	.04861	256.7	20.57
		.125	3.175	.04168	220.0	24.00
11		.1205	3.061	.03873	204.5	25.82
		.1055	2.680	.02969	156.7	33.69
13	$\frac{3}{16}$ "	.09375	2.381	.02344	123.8	42.66
		.0915	2.324	.02233	117.9	44.78
14		.0800	2.032	.01707	90.13	58.58
		.0720	1.829	.01383	73.01	72.32
16	$\frac{1}{16}$ "	.0625	1.588	.01042	55.01	95.98
		.0540	1.372	.007778	41.07	128.60
18		.0475	1.207	.006018	31.77	166.20
		.0410	1.041	.0044	23.67	223.00
20		.0348	0.884	.0032	17.05	309.60



# TABLE OF COMPARATIVE SIZES WIRE GAUGE

In Decimals of an Inch

No. of Wire Gauge	Bethlehem or W. & M.	Birmingham or Stubbs	Brown & Sharpe	English Legal Standard (S. W. G.)
7-0	.4900	....	.....	.500
6-0	.4615	....	.....	.464
5-0	.4305	....	.....	.432
4-0	.3938	.454	.46000	.400
3-0	.3625	.425	.40964	.372
2-0	.3310	.380	.36480	.348
0	.3065	.340	.32495	.324
1	.2830	.300	.28930	.300
2	.2625	.284	.25763	.276
3	.2437	.259	.22942	.252
4	.2253	.238	.20431	.232
5	.2070	.220	.18194	.212
6	.1920	.203	.16202	.192
7	.1770	.180	.14428	.176
8	.1620	.165	.12849	.160
9	.1483	.148	.11443	.144
10	.1350	.134	.10189	.128
11	.1205	.120	.09074	.116
12	.1055	.109	.08081	.104
13	.0915	.095	.07196	.092
14	.0800	.083	.06408	.080
15	.0720	.072	.05707	.072
16	.0625	.065	.05082	.064
17	.0540	.058	.04526	.056
18	.0475	.049	.04030	.048
19	.0410	.042	.03589	.040
20	.0348	.035	.03196	.036
21	.03175	.032	.02846	.032
22	.0286	.028	.02535	.028
23	.0258	.025	.02257	.024
24	.0230	.022	.02010	.022
25	.0204	.020	.01790	.020
26	.0181	.018	.01594	.018
27	.0173	.016	.01419	.0164
28	.0162	.014	.01264	.0148
29	.0150	.013	.01126	.0136
30	.0140	.012	.01002	.0124
31	.0132	.010	.00893	.0116
32	.0128	.009	.00795	.0108
33	.0118	.008	.00708	.0100
34	.0104	.007	.00630	.0092
35	.0095	.005	.00561	.0084
36	.0090	.004	.00500	.0076
37	.0085	....	.00445	.0068
38	.0080	....	.00396	.0060
39	.0075	....	.00353	.0052
40	.0070	....	.00314	.0048

## AND OTHER WIRE PRODUCTS

### DECIMAL EQUIVALENTS OF FRACTIONS OF AN INCH

1-64 .015625					
3-64 .046875	1-32 .03125				
5-64 .078125		1-16 .0625			
7-64 .109375	3-32 .09375		1-8 .125		
9-64 .140625					
11-64 .171875	5-32 .15625				
13-64 .203125		3-16 .1875		1-4 .25	
15-64 .234375	7-32 .21875				
17-64 .265625					
19-64 .296875	9-32 .28125				
21-64 .328125		5-16 .3125			
23-64 .359375	11-32 .34375				
25-64 .390625			3-8 .375		
27-64 .421875	13-32 .40625				
29-64 .453125		7-16 .4375			
31-64 .484375	15-32 .46875				
33-64 .515625					1-2 .5
35-64 .546875	17-32 .53125				
37-64 .578125		9-16 .5625			
39-64 .609375	19-32 .59375				
41-64 .640625			5-8 .625		
43-64 .671875	21-32 .65625				
45-64 .703125		11-16 .6875			
47-64 .734375	23-32 .71875			3-4 .75	
49-64 .765625					
51-64 .796875	25-32 .78125				
53-64 .828125		13-16 .8125			
55-64 .859375	27-32 .84375				
57-64 .890625			7-8 .875		
59-64 .921875	29-32 .90625				
61-64 .953125		15-16 .9375			
63-64 .984375	31-32 .96875				
1.000000					

## STRENGTH TABLE FOR ROUND DRAWN WIRE

To obtain the *tensile strength, in pounds per square inch*, multiply the known breaking strength, in pounds, of the particular wire by the "Strength Factor" shown opposite the wire diameter in question.

To obtain the *breaking strength, in pounds, of a particular wire*, divide the known tensile strength (in pounds per square inch) by the "Strength Factor" shown opposite the wire diameter in question.

Wire Diam.	Strength Factor	Wire Diam.	Strength Factor	Wire Diam.	Strength Factor
.020"	3183.10	.065"	301.3585	.110"	105.2264
.021"	2887.16	.066"	292.2956	.111"	103.3390
.022"	2630.66	.067"	283.6355	.112"	101.5019
.023"	2406.88	.068"	275.3546	.113"	99.7133
.024"	2210.49	.069"	267.4311	.114"	97.9716
.025"	2037.18	.070"	259.8448	.115"	96.2752
.026"	1883.490	.071"	252.5768	.116"	94.6224
.027"	1746.556	.072"	245.6095	.117"	93.0119
.028"	1624.030	.073"	238.9265	.118"	91.4421
.029"	1513.959	.074"	232.5127	.119"	89.9117
.030"	1414.711	.075"	226.3537	.120"	88.4194
.031"	1324.911	.076"	220.4362	.121"	86.9640
.032"	1243.398	.077"	214.7478	.122"	85.5442
.033"	1169.182	.078"	209.2767	.123"	84.1589
.034"	1101.418	.079"	204.0121	.124"	82.8069
.035"	1039.379	.080"	198.9437	.125"	81.4873
.036"	982.438	.081"	194.0618	.126"	80.1990
.037"	930.051	.082"	189.3575	.127"	78.9410
.038"	881.745	.083"	184.8211	.128"	77.7124
.039"	837.107	.084"	180.4478	.129"	76.5122
.040"	795.775	.085"	176.2269	.130"	75.3396
.041"	757.430	.086"	172.1525	.131"	74.1938
.042"	721.791	.087"	168.2177	.132"	73.0739
.043"	688.610	.088"	164.4163	.133"	71.9792
.044"	657.665	.089"	160.7423	.134"	70.9089
.045"	628.760	.090"	157.1901	.135"	69.8623
.046"	601.720	.091"	153.7543	.136"	68.8386
.047"	576.387	.092"	150.4300	.137"	67.8374
.048"	552.621	.093"	147.2123	.138"	66.8578
.049"	530.296	.094"	144.0968	.139"	65.8993
.050"	509.296	.095"	141.0792	.140"	64.9612
.051"	489.5192	.096"	138.1553	.141"	64.0430
.052"	470.8726	.097"	135.3215	.142"	63.1442
.053"	453.2715	.098"	132.5739	.143"	62.2641
.054"	436.6391	.099"	129.9091	.144"	61.4024
.055"	420.9056	.100"	127.3240	.145"	60.5584
.056"	406.0075	.101"	124.8152	.146"	59.7316
.057"	391.8866	.102"	122.3798	.147"	58.9217
.058"	378.4898	.103"	120.0150	.148"	58.1282
.059"	365.7683	.104"	117.7182	.149"	57.3505
.060"	353.6777	.105"	115.4866	.150"	56.5884
.061"	342.1767	.106"	113.3179	.151"	55.8414
.062"	331.2278	.107"	111.2097	.152"	55.1091
.063"	320.7961	.108"	109.1598	.153"	54.3910
.064"	310.8495	.109"	107.1660	.154"	53.6869

# AND OTHER WIRE PRODUCTS

## STRENGTH TABLE (Continued)

Wire Diam.	Strength Factor	Wire Diam.	Strength Factor	Wire Diam.	Strength Factor
.155"	52.996	.202"	31.204	.249"	20.536
.156"	52.319	.203"	30.897	.250"	20.372
.157"	51.655	.204"	30.595	.251"	20.210
.158"	51.003	.205"	30.297	.252"	20.050
.159"	50.363	.206"	30.004	.253"	19.892
.160"	49.736	.207"	29.715	.254"	19.735
.161"	49.120	.208"	29.430	.255"	19.581
.162"	48.515	.209"	29.149	.256"	19.428
.163"	47.922	.210"	28.872	.257"	19.277
.164"	47.339	.211"	28.599	.258"	19.128
.165"	46.767	.212"	28.329	.259"	18.981
.166"	46.206	.213"	28.064	.260"	18.835
.167"	45.654	.214"	27.802	.261"	18.691
.168"	45.112	.215"	27.544	.262"	18.548
.169"	44.580	.216"	27.290	.263"	18.408
.170"	44.057	.217"	27.039	.264"	18.268
.171"	43.543	.218"	26.792	.265"	18.131
.172"	43.038	.219"	26.547	.266"	17.995
.173"	42.542	.220"	26.307	.267"	17.860
.174"	42.054	.221"	26.069	.268"	17.727
.175"	41.575	.222"	25.835	.269"	17.596
.176"	41.104	.223"	25.604	.270"	17.466
.177"	40.641	.224"	25.375	.271"	17.337
.178"	40.186	.225"	25.150	.272"	17.210
.179"	39.738	.226"	24.928	.273"	17.084
.180"	39.298	.227"	24.709	.274"	16.959
.181"	38.864	.228"	24.493	.275"	16.836
.182"	38.439	.229"	24.279	.276"	16.714
.183"	38.020	.230"	24.069	.277"	16.594
.184"	37.608	.231"	23.861	.278"	16.475
.185"	37.202	.232"	23.656	.279"	16.357
.186"	36.803	.233"	23.453	.280"	16.240
.187"	36.411	.234"	23.253	.281"	16.125
.188"	36.024	.235"	23.055	.282"	16.011
.189"	35.644	.236"	22.861	.283"	15.898
.190"	35.270	.237"	22.668	.284"	15.786
.191"	34.901	.238"	22.478	.285"	15.675
.192"	34.539	.239"	22.290	.286"	15.566
.193"	34.182	.240"	22.105	.287"	15.458
.194"	33.830	.241"	21.922	.288"	15.351
.195"	33.484	.242"	21.741	.289"	15.245
.196"	33.143	.243"	21.562	.290"	15.140
.197"	32.808	.244"	21.386	.291"	15.036
.198"	32.477	.245"	21.212	.292"	14.933
.199"	32.152	.246"	21.040	.293"	14.831
.200"	31.831	.247"	20.870	.294"	14.730
.201"	31.515	.248"	20.702	.295"	14.631

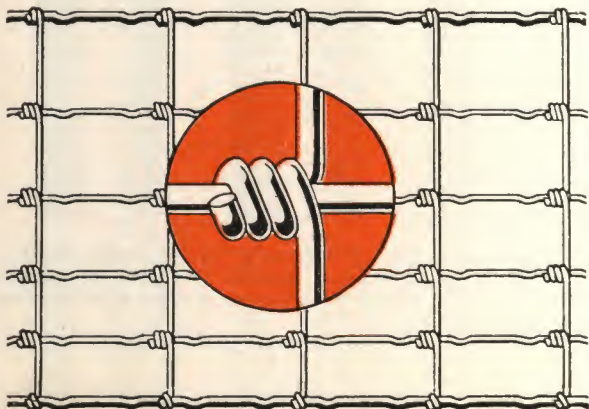
The foregoing "Strength Factors" are the results obtained by dividing one square inch (unit on which tensile strength is based) by the cross-sectional areas of wires of the various diameters indicated.

## BETHANIZED FENCE

Bethanized fence is a durable, exceptionally corrosion-resistant fence made by an exclusive time-tried and proved process of zinc coating.

The process employed is electro-galvanizing—a selective electrolytic action that bonds to the copper-bearing steel wire from which bethanized fence is woven, a zinc-coating that is 99.99% pure, remarkably ductile, absolutely uniform in thickness and that has an attractive lustrous appearance that sets it off from other types of fence as surely as chromium differs from lead.

As has been proven by commercially disinterested laboratories, the purer zinc is, the greater its resistance to corrosion. Bethanized fence, with a zinc-coating 99.99% pure from its weather surface to its core of copper-bearing steel, is protected by the purest zinc ever manufactured commercially. The bethanized coating is free of the thin spot defects to which fence galvanized in the ordinary manner is subject and which rust out long before the desired natural life of fence. Nor has it any of the weaving fissures where moisture lodges and attacks the less well-protected fence. The coating on bethanized fence has been subjected to exhaustive tests, chemical and physical. It won't peel away or flake from the base wire in weaving. It won't let acid-laden moisture attack the fence.



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## AND OTHER WIRE PRODUCTS

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These features of bethanized fence give it an immunity to corrosion not equalled by other types of fence, yet it sells for the same price as ordinary fence.

Bethanized fence is of the cut-stay, hinge-joint construction that for years users have associated with Bethlehem Cambria Fence which it now supplants. When stock crowd bethanized fence, its hinge-joint construction prevents undue flexure of the fence and permanent bending of the wires. This construction also permits erecting the fence on rolling land, allowing a natural adjustment to hillocks and hollows that seldom has to be supplemented by splicing. Full deep tension curves keep bethanized fence taut despite contraction and expansion from differences in temperature.

(NOTE: Write for Special Fence Catalog.)

### STYLES OF BETHANIZED FENCE

#### **Cattle, Sheep and Hogs**

Made in five heights: 26 inches, 32 inches, 39 inches, 47 inches and 55 inches; and in four weights, specifications 9, 11, 12½ and 14½ Farm.

#### **Horses, Cattle and Sheep**

Made in three heights: 35 inches, 45 inches and 49 inches; and in three weights, specifications 9, 11 and 12½ Farm.

#### **Hogs and Cattle**

Close mesh fence made in three heights: 34 inches, 40 inches and 46 inches; and in one weight, specification 12½ CM.

#### **Wolf-proof**

Made in five heights: 25, 30, 35, 43 and 48 inches; and in one weight, specification 14½ WP.

#### **Poultry and Garden**

Made in three heights: 35 inches, 48 inches and 58 inches; and in two weights, specifications 13 and 14½ P. & G.

#### **Chick**

Made in four heights: 36 inches, 48 inches, 60 inches and 72 inches; and to one weight in specification 14½ Chick.

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### CHICK—HOT-GALVANIZED

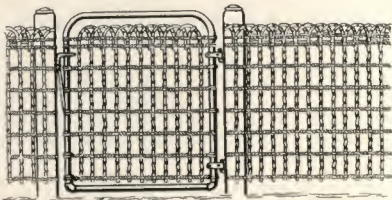
Made in same heights as bethanized and to two weights, specifications 15½ and 17 Chick.

## BETHANIZED LAWN FENCE

Because of its silvery lustre bethanized wire has been adopted for weaving into a heavily-coated lawn fence known as bethanized lawn fence. The same properties of the bethanized coating that add to farm fence life permit coatings just as heavy and superior on lawn fence.

Bethanized lawn fence is made in two styles:

### Single-Arch Style

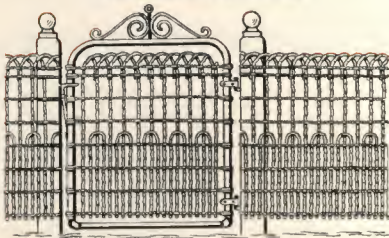


*A neat, attractive design that combines service and economy. Pickets are 9½ gauge wire, spaced 3 inches apart and securely locked to each other. Twisted cables are 13 gauge, spaced 6 inches apart, except the two top cables which are 2 inches apart.*

### SPECIFICATIONS

Height of Fabric in Inches	30	36	42	48	54	60
Number of Cables	6	7	8	9	10	11
Approximate Weight per 100 ft.	97	110	125	143	158	173

### Double-Arch Style



*A very popular design that combines extra sturdiness in construction with a pleasing ornamental effect. Pickets are 9½ gauge wire spaced 3 inches in upper section of fence and 1½ inches in lower section. Each picket tightly interwoven to the adjoining picket. Twisted horizontal wires are 13 gauge spaced 6 inches apart except the two top cables which are spaced 2 inches apart.*

### SPECIFICATIONS

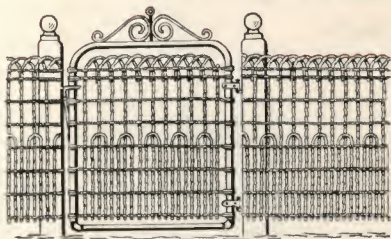
Height of Fabric in Inches	30	36	42	48	54	60
Number of Cables	6	7	8	9	10	11
Approximate Weight per 100 ft.	125	145	160	187	210	226

## AND OTHER WIRE PRODUCTS

### BETHLEHEM WALK GATES

#### Ornamental

The Ornamental Walk Gate that is provided for use with bethanized lawn fence has a decorative scroll top that is both pleasing and dignified, and is neatly fitted with a bethanized lawn fence filler of either single- or double-arch



design. There are no sharp ends of wire projecting, and each web is a complete piece of fabric in itself specially woven to size. Frames are made of high-grade standard pipe,  $1\frac{1}{8}$  in. outside diameter. All ornamental gates are equipped with scroll top, spring latch and wood-post fittings, unless otherwise ordered. Frames and fittings are galvanized and can also be furnished black or green enameled.

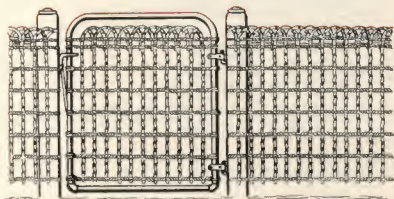
#### Net Weight Per Gate, Ornamental Top

Width between Posts . . . . .	3'-0"	3'-6"	4'-0"
36" high . . . . .	21 lbs.	23 lbs.	24 lbs.
42" high . . . . .	23 "	24 "	25 "
48" high . . . . .	24 "	25 "	26 "

#### Utility

When a simple unadorned gate of sturdy construction is desired this Utility Walk Gate meets every requirement.

The fabric for Utility Walk Gates is made to fit the gate frame and is furnished in either single- or double-



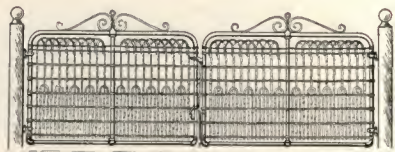
arch design. Frames are made of high-grade standard pipe,  $1\frac{1}{8}$  in. outside diameter—galvanized, green or black enameled. Gates are shipped complete with all necessary fittings, ready to hang on wood post.

All special-size lawn gates are charged at the list price of the next larger regular-size gate.

Weights are about one pound less than for ornamental gates shown above.

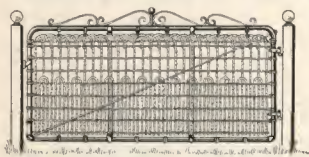
# BETHLEHEM ORNAMENTAL DRIVE GATES

## Double



The fabric for Ornamental Double- and Single-Drive Gates is woven especially to fit the gate frame and to match the fabric of either single- or double-arch design. There are no sharp ends projecting, and each web is a complete piece of fabric in itself. Frames are made of high-grade standard pipe, 1½ in. outside diameter in the small sizes, and 1¾ in. outside diameter in the larger sizes. All ornamental gates are equipped with scroll top and spring latch. Gates 5 ft. and over in width are reinforced by strong brace wire to prevent sagging.

Gates are furnished with frames and fittings either galvanized or green enameled, at the same price.



Single

All special-size gates are charged at the list price of the next larger regular-size gate.

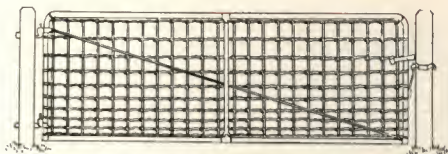
For gates higher than 48 in. add 10 per cent to the delivered price for each 6 in. in height or any part thereof.

## NET WEIGHTS PER GATE

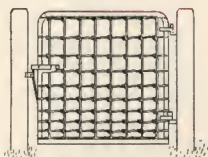
Width between Posts	8'-0"	10'-0"	12'-0"	14'-0"	16'-0"	18'-0"
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
36" high, Double Drive	64	71	78	86	94	108
42" high, Double Drive	68	75	84	91	99	113
48" high, Double Drive	73	80	89	98	105	118
36" high, Single Drive	59	70	81	93	101	
42" high, Single Drive	63	75	85	98	108	
48" high, Single Drive	66	80	93	104	116	

## AND OTHER WIRE PRODUCTS

### BETHLEHEM FARM GATES



Gates of modern construction are the logical complement to modern fences. And gates at all points in fences where they will serve as a convenience in carrying on farm work are time savers that pay for themselves again and again.

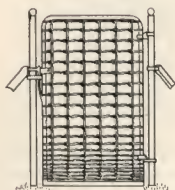
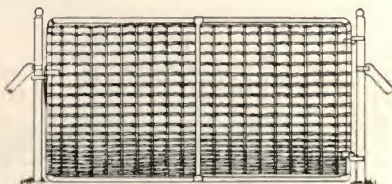


Bethlehem Farm Walk and Single-Drive Gates are of the sturdy construction so essential in farm service. The framework is of standard galvanized pipe, solidly braced to afford added rigidity. The filler is of bethanized fence hinge-joint construction, with stay wires 6 in. apart and graduated line wires. Walk gates are made in three widths and three heights, and drive gates in four widths and three heights. Fittings for wood posts are ordinarily furnished. Fittings for steel tubular or angle posts are furnished at additional cost.

#### Specifications for Bethlehem Lawn and Drive Gates

Width of Opening		Height in Inches	Approximate Weight	
Walk Gate	Drive Gate		Walk Gate	Drive Gate
3 ft.	8 ft.	36	19 lbs.	58 lbs.
3 ft.	8 ft.	42	21 lbs.	64 lbs.
3 ft.	8 ft.	48	23 lbs.	71 lbs.
3½ ft.	10 ft.	36	21 lbs.	68 lbs.
3½ ft.	10 ft.	42	23 lbs.	76 lbs.
3½ ft.	10 ft.	48	25 lbs.	84 lbs.
4 ft.	12 ft.	36	23 lbs.	75 lbs.
4 ft.	12 ft.	42	25 lbs.	84 lbs.
4 ft.	12 ft.	48	27 lbs.	93 lbs.
.....	14 ft.	36	.....	81 lbs.
.....	14 ft.	42	.....	90 lbs.
.....	14 ft.	48	.....	99 lbs.

## BETHLEHEM POULTRY GATES



Bethlehem Poultry Gates are made of the same high quality standard galvanized pipe that is employed for Bethlehem Farm Gates. The filler is 14½-gauge Bethanized Chick Fence. These gates, unless otherwise specified, are ordinarily furnished with fittings for wood posts. Fittings for steel posts are furnished at additional cost.

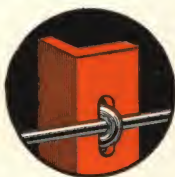
### Specifications for Poultry Gates

Width of Opening	Height of Gate	Approx. Weight
3½ ft.	48 inches	22 lbs.
3½ ft.	60 inches	24 lbs.
3½ ft.	72 inches	26 lbs.
10 ft.	48 inches	58 lbs.
10 ft.	60 inches	66 lbs.
10 ft.	72 inches	70 lbs.



## AND OTHER WIRE PRODUCTS

### BETHLEHEM STEEL FENCE POSTS



1. "Punched"

**BETHLEHEM** Punched and *Self-Fastener* posts are made from high-carbon new billet steel, and provide strong, durable posts for farm fencing.

Both posts are made in Angle and Tee sections.

All line posts are fitted with anchor plates to provide a bearing and hold the posts erect. These posts can easily be driven into the ground.



2. "Self-Fastener"

"Punched" and "Self-Fastener" posts are protected against rust by a heavy coating of red paint.

**1.** "Punched" type posts have oval-shaped holes  $\frac{1}{2} \times \frac{1}{8}$  inch, punched two inches apart, through which ordinary fence staples can be driven and clinched; or the fence can be fastened by tie wires. Lengths: 5',  $5\frac{1}{2}$ ', 6',  $6\frac{1}{2}$ ', 7',  $7\frac{1}{2}$ ', 8'.

**2.** "Self-Fastener" type posts require no staples or wire fasteners. The lugs, which are an integral part of the post, are designed for attaching the fence. Place the line wires on the lugs and give the top of the lug a tap with a hammer to drive it down.

Lengths: 5',  $5\frac{1}{2}$ ', 6',  $6\frac{1}{2}$ ', 7',  $7\frac{1}{2}$ ', 8'.

**3.** The Studded "Omega" "U" Fence Post is made of high-quality rail steel, with pressed studs for holding the fence. Studded Omega Posts have heavy anchor plates securely riveted in place. These anchor plates provide an ample bearing for the post.

Seven wire clips for fastening the fence are supplied with each post. These clips are easily applied and

with the studs, hold the fence securely in position.

Omega posts have either red oxide or metallic aluminum paint finish, without extra cost.

We recommend "Omega" Posts because of their **EXCEPTIONAL STRENGTH**.

Lengths: 5',  $5\frac{1}{2}$ ', 6',  $6\frac{1}{2}$ ', 7',  $7\frac{1}{2}$ ', 8'.

**4.** "Erecto" Fence Posts are like the Omega post in that they have a similar strong "U" shaped section. They are a trifle lighter in weight, however, being the same as the "Angle" type of Punched or Self-Fastener Posts.

The "Erecto" is a strong, stiff post suitable for woven wire fence or smooth or barbed wire. Heavy anchor plates are riveted to the inside of the "U," giving the posts firm anchorage. No clips or staples are necessary as the self-fastener lugs are a part of the post and will securely hold the fence in place.

"Erecto" posts are painted green or red. Lengths are:  $4\frac{1}{2}$ ', 5',  $5\frac{1}{2}$ ', 6',  $6\frac{1}{2}$ ', 7',  $7\frac{1}{2}$ ', 8'.

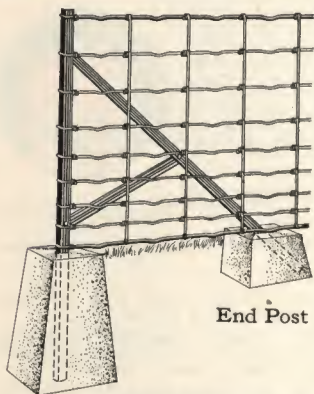


3. "Omega"



4. "Erecto"

## BETHLEHEM END AND CORNER POSTS



End Post

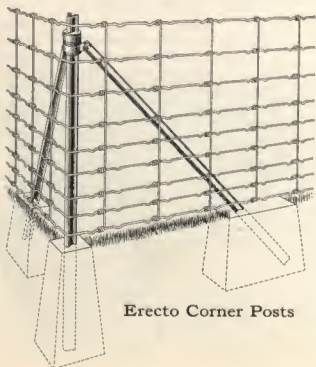
Bethlehem End and Corner Posts are exceptionally strong and sturdy. They are easily and quickly erected and give satisfactory service.

### Angle Type

2 x 2 x  $\frac{1}{4}$  inch  
Lengths: 84 inches,  
92 inches, 108  
inches.  
Concrete set.

## ERECTO CORNER POSTS

Bethlehem Erecto End, Gate and Corner Posts are of the same scientific "U" section design as Erecto line posts and have great strength in proportion to their weight. Braces are attached to the upright section with a universal joint that can be fixed which allows braces to be set at any angle.



Erecto Corner Posts

### WEIGHTS AND LENGTHS Erecto End, Gate and Corner Posts

Length in Feet	Weight in Pounds, End and Gate	Weight in Pounds, Corner
6	18	28
7	20 $\frac{1}{2}$	32
8	23 $\frac{1}{2}$	36
9	26	40

*Note:* These weights are approximate.

# AND OTHER WIRE PRODUCTS

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